

(Item Analysis: % of content answered correctly)

NLESD - Labrador Region

School #: 002 Henry Gordon Academy, Cartwright Grades: K-12

| Outcome(s)<br>Cognitive Level             | Outcome Description  | School<br>[N=4]            | <b>Region</b><br>[N=227] | <b>Province</b><br>[N=4,875] |
|---|--|----------------------------|--------------------------|------------------------------|
| Number Concepts                           |  |                            |                          |                              |
| 6N1 (L1)                                  | Identify the value of a digit in a given number                              |                            | 70.5                     | 68.2                         |
| 6N1 (L2)                                  | Demonstrate an understanding of place value through base ten representations | School data                | 35.9                     | 38.1                         |
| 6N5 (L1)                                  | Write and interpret ratios comparing part-to-whole                           | with 5 or                  | 55.9                     | 59.7                         |
| 6N5 (L2)                                  | Demonstrate an understanding of equivalent ratios                            | fewer                      | 50.5                     | 48.4                         |
| 6N6 (L1)                                  | Demonstrate an understanding of percent as ratio                             | students                   | 49.6                     | 50.0                         |
| 6N6 (L3)                                  | Demonstrate an understanding of percent as ratio                             | withheld for<br>reasons of | 81.8                     | 84.1                         |
| 6N3 (L2)                                  | Distinguish between prime and composite numbers                              | confidentiality            | 59.6                     | 54.8                         |
| 6N3 (L2)                                  | Determine factors of a given number  |                            | 57.3                     | 66.3                         |
| 6N4 (L1)                                  | Place an improper fraction on a number line                                  |                            | 37.7                     | 38.2                         |
| 6N7 (L3)                                  | Select integer that best fits description                                    |                            | 75.0                     | 71.9                         |
| Number Operations                         |  |                            |                          |                              |
| 6N8 (L2)                                  | Compute products of whole numbers and decimals                               |                            | 86.5                     | 83.1                         |
| 6N2, 6N8 (L2)                             | Compute quotients of whole numbers and decimals                              |                            | 68.0                     | 64.5                         |
| 6N8 (L3)                                  | Place decimal in correct position in a product of whole numbers and decimals |                            | 84.2                     | 83.8                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves division of decimals                           |                            | 65.8                     | 71.0                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves multiplication of decimals                     |                            | 64.4                     | 64.1                         |
| 6N2 (L2)                                  | Estimate the solution to a subtraction problem                               |                            | 46.9                     | 53.4                         |
| 6N2 (L3)                                  | Determine number expression represented by base ten blocks                   |                            | 46.9                     | 56.7                         |
| 6N9 (L3)                                  | Apply the order of operations to solve a problem                             |                            | 54.1                     | 50.1                         |
| 6N9 (L2)                                  | Apply the order of operations to solve a problem                             |                            | 55.0                     | 49.7                         |
| Patterns and Relations                    |  |                            |                          |                              |
| 6PR1 (L2)                                 | Identify the value of an unknown term in a table of values                   |                            | 83.8                     | 84.2                         |
| 6PR1 (L3)                                 | Identify an error in a given table of values                                 |                            | 85.1                     | 87.9                         |
| 6PR1, 6PR3 (L2)                           | Write a mathematical expression for a situation                              |                            | 28.4                     | 24.4                         |
| 6PR3 (L2)                                 | Represent a pattern rule using a simple mathematical expression              |                            | 62.6                     | 53.5                         |
| 6PR3 (L2)                                 | Extend a pattern that is shown on a line graph                               |                            | 65.8                     | 75.9                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given equation                      |                            | 47.3                     | 50.3                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given model                         |                            | 30.2                     | 28.9                         |
| 6PR1, 6PR2 (L2)<br><u>Shape and Space</u> | Determine a mathematical expression for a situation and a table of values    |                            | 39.2                     | 31.9                         |
| 6SS1 (L1)                                 | Classify a given angle according to its measure                              |                            | 81.4                     | 82.5                         |
| 6SS1 (L1)                                 | Estimate the measure of an angle   |                            | 85.0                     | 85.9                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a triangle is 180°                 |                            | 68.6                     | 72.7                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a quadrilateral is 360°            |                            | 68.2                     | 74.4                         |
| 6SS3 (L2)                                 | Find the perimeter and area of a given polygon                               | 50.0                       | 52.3                     | 59.2                         |
| 6SS3 (L1)                                 | Find the volume of a given rectangular prism                                 | 100.0                      | 37.3                     | 43.1                         |
| 6SS4 (L1)                                 | Identify a given triangle according to its angle measures                    | 75.0                       | 66.8                     | 63.5                         |
| 6SS5 (L2)                                 | Sort a given set of polygons according to given attributes                   | 0.0                        | 51.8                     | 57.4                         |
| . ,                                       | Identify congruent triangles   | 100.0                      | 83.2                     | 77.1                         |
| 6SS4, 6SS5 (L1)<br>6SS8 (L1)              | Identify the coordinates of two given points on a Cartesian plane            | 100.0                      | 70.9                     | 68.9                         |
| 6SS6 (L1)                                 | Describe the combined transformations performed on a 2-D shape               | 100.0                      | 70.9                     | 74.4                         |
| 6SS9 (L1)                                 | Describe the single transformation performed on a 2-D shape                  |                            |                          |                              |
|   |  | 100.0                      | 80.5                     | 80.4                         |
| 6SS7 (L2)                                 | Identify the successive transformations performed to create a design         | 50.0                       | 61.4                     | 66.2                         |

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## Elementary Mathematics Provincial Assessment, June 2014 School Report - Multiple Choice Items

(Item Analysis: % of content answered correctly)

NLESD - Labrador Region

School #: 004 Queen of Peace Middle School, Happy Valley-Goose Bay Grades: 4-7

| Outcome(s)<br>Cognitive Level             | Outcome Description  | School<br>[N=84] | <b>Region</b><br>[N=227] | Province<br>[N=4,875] |
|---|--|------------------|--------------------------|-----------------------|
| Number Concepts                           |  |                  |                          |                       |
| 6N1 (L1)                                  | Identify the value of a digit in a given number                              | 71.6             | 70.5                     | 68.2                  |
| 6N1 (L2)                                  | Demonstrate an understanding of place value through base ten representations | 29.6             | 35.9                     | 38.1                  |
| 6N5 (L1)                                  | Write and interpret ratios comparing part-to-whole                           | 58.0             | 55.9                     | 59.7                  |
| 6N5 (L2)                                  | Demonstrate an understanding of equivalent ratios                            | 42.0             | 50.5                     | 48.4                  |
| 6N6 (L1)                                  | Demonstrate an understanding of percent as ratio                             | 39.5             | 49.6                     | 50.0                  |
| 6N6 (L3)                                  | Demonstrate an understanding of percent as ratio                             | 76.5             | 81.8                     | 84.1                  |
| 6N3 (L2)                                  | Distinguish between prime and composite numbers                              | 48.2             | 59.6                     | 54.8                  |
| 6N3 (L2)                                  | Determine factors of a given number  | 56.8             | 57.3                     | 66.3                  |
| 6N4 (L1)                                  | Place an improper fraction on a number line                                  | 28.4             | 37.7                     | 38.2                  |
| 6N7 (L3)                                  | Select integer that best fits description                                    | 67.9             | 75.0                     | 71.9                  |
| Number Operations                         |  |                  |                          |                       |
| 6N8 (L2)                                  | Compute products of whole numbers and decimals                               | 85.4             | 86.5                     | 83.1                  |
| 6N2, 6N8 (L2)                             | Compute quotients of whole numbers and decimals                              | 62.2             | 68.0                     | 64.5                  |
| 6N8 (L3)                                  | Place decimal in correct position in a product of whole numbers and decimals | 86.6             | 84.2                     | 83.8                  |
| 6N2, 6N8 (L2)                             | Solve a problem that involves division of decimals                           | 58.5             | 65.8                     | 71.0                  |
| 6N2, 6N8 (L2)                             | Solve a problem that involves multiplication of decimals                     | 64.6             | 64.4                     | 64.1                  |
| 6N2 (L2)                                  | Estimate the solution to a subtraction problem                               | 47.6             | 46.9                     | 53.4                  |
| 6N2 (L3)                                  | Determine number expression represented by base ten blocks                   | 52.4             | 46.9                     | 56.7                  |
| 6N9 (L3)                                  | Apply the order of operations to solve a problem                             | 53.7             | 54.1                     | 50.1                  |
| 6N9 (L2)                                  | Apply the order of operations to solve a problem                             | 48.8             | 55.0                     | 49.7                  |
| Patterns and Relations                    |  |                  |                          |                       |
| 6PR1 (L2)                                 | Identify the value of an unknown term in a table of values                   | 81.9             | 83.8                     | 84.2                  |
| 6PR1 (L3)                                 | Identify an error in a given table of values                                 | 79.5             | 85.1                     | 87.9                  |
| 6PR1, 6PR3 (L2)                           | Write a mathematical expression for a situation                              | 14.5             | 28.4                     | 24.4                  |
| 6PR3 (L2)                                 | Represent a pattern rule using a simple mathematical expression              | 61.5             | 62.6                     | 53.5                  |
| 6PR3 (L2)                                 | Extend a pattern that is shown on a line graph                               | 71.1             | 65.8                     | 75.9                  |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given equation                      | 41.0             | 47.3                     | 50.3                  |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given model                         | 32.5             | 30.2                     | 28.9                  |
| 6PR1, 6PR2 (L2)<br><u>Shape and Space</u> | Determine a mathematical expression for a situation and a table of values    | 15.7             | 39.2                     | 31.9                  |
| 6SS1 (L1)                                 | Classify a given angle according to its measure                              | 71.6             | 81.4                     | 82.5                  |
| 6SS1 (L1)                                 | Estimate the measure of an angle   | 85.2             | 85.0                     | 85.9                  |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a triangle is 180°                 | 66.7             | 68.6                     | 72.7                  |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a quadrilateral is 360°            | 56.8             | 68.2                     | 74.4                  |
| 6SS3 (L2)                                 | Find the perimeter and area of a given polygon                               | 38.3             | 52.3                     | 59.2                  |
| 6SS3 (L1)                                 | Find the volume of a given rectangular prism                                 | 25.9             | 37.3                     | 43.1                  |
| 6SS4 (L1)                                 | Identify a given triangle according to its angle measures                    | 64.2             | 66.8                     | 63.5                  |
| 6SS5 (L2)                                 | Sort a given set of polygons according to given attributes                   | 49.4             | 51.8                     | 57.4                  |
| 6SS4, 6SS5 (L1)                           | Identify congruent triangles   | 81.5             | 83.2                     | 77.1                  |
| 6SS8 (L1)                                 | Identify the coordinates of two given points on a Cartesian plane            | 69.1             | 70.9                     | 68.9                  |
| 6SS6 (L1)                                 | Describe the combined transformations performed on a 2-D shape               | 64.2             | 73.2                     | 74.4                  |
| 6SS9 (L1)                                 | Describe the single transformation performed on a 2-D shape                  |                  |                          |                       |
|   |  | 85.2             | 80.5                     | 80.4                  |
| 6SS7 (L2)                                 | Identify the successive transformations performed to create a design         | 63.0             | 61.4                     | 66.2                  |

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(Item Analysis: % of content answered correctly)

NLESD - Labrador Region

School #: 007 Amos Comenius Memorial School, Hopedale

Grades: K-12

| Outcome(s)<br>Cognitive Level             | Outcome Description  | School | <b>Region</b><br>[N=227] | <b>Province</b><br>[N=4,875] |
|---|--|--------|--------------------------|------------------------------|
| Cognitive Level                           |  | [N=7]  |                          | [11-4,075]                   |
| Number Concepts                           |  |        |                          |                              |
| 6N1 (L1)                                  | Identify the value of a digit in a given number                              | 42.9   | 70.5                     | 68.2                         |
| 6N1 (L2)                                  | Demonstrate an understanding of place value through base ten representations | 14.3   | 35.9                     | 38.1                         |
| 6N5 (L1)                                  | Write and interpret ratios comparing part-to-whole                           | 42.9   | 55.9                     | 59.7                         |
| 6N5 (L2)                                  | Demonstrate an understanding of equivalent ratios                            | 42.9   | 50.5                     | 48.4                         |
| 6N6 (L1)                                  | Demonstrate an understanding of percent as ratio                             | 42.9   | 49.6                     | 50.0                         |
| 6N6 (L3)                                  | Demonstrate an understanding of percent as ratio                             | 100.0  | 81.8                     | 84.1                         |
| 6N3 (L2)                                  | Distinguish between prime and composite numbers                              | 42.9   | 59.6                     | 54.8                         |
| 6N3 (L2)                                  | Determine factors of a given number  | 71.4   | 57.3                     | 66.3                         |
| 6N4 (L1)                                  | Place an improper fraction on a number line                                  | 28.6   | 37.7                     | 38.2                         |
| 6N7 (L3)                                  | Select integer that best fits description                                    | 85.7   | 75.0                     | 71.9                         |
| Number Operations                         |  |        |                          |                              |
| 6N8 (L2)                                  | Compute products of whole numbers and decimals                               | 100.0  | 86.5                     | 83.1                         |
| 6N2, 6N8 (L2)                             | Compute quotients of whole numbers and decimals                              | 14.3   | 68.0                     | 64.5                         |
| 6N8 (L3)                                  | Place decimal in correct position in a product of whole numbers and decimals | 71.4   | 84.2                     | 83.8                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves division of decimals                           | 71.4   | 65.8                     | 71.0                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves multiplication of decimals                     | 42.9   | 64.4                     | 64.1                         |
| 6N2 (L2)                                  | Estimate the solution to a subtraction problem                               | 71.4   | 46.9                     | 53.4                         |
| 6N2 (L3)                                  | Determine number expression represented by base ten blocks                   | 42.9   | 46.9                     | 56.7                         |
| 6N9 (L3)                                  | Apply the order of operations to solve a problem                             | 28.6   | 54.1                     | 50.1                         |
| 6N9 (L2)                                  | Apply the order of operations to solve a problem                             | 71.4   | 55.0                     | 49.7                         |
| Patterns and Relations                    |  |        |                          |                              |
| 6PR1 (L2)                                 | Identify the value of an unknown term in a table of values                   | 85.7   | 83.8                     | 84.2                         |
| 6PR1 (L3)                                 | Identify an error in a given table of values                                 | 100.0  | 85.1                     | 87.9                         |
| 6PR1, 6PR3 (L2)                           | Write a mathematical expression for a situation                              | 42.9   | 28.4                     | 24.4                         |
| 6PR3 (L2)                                 | Represent a pattern rule using a simple mathematical expression              | 28.6   | 62.6                     | 53.5                         |
| 6PR3 (L2)                                 | Extend a pattern that is shown on a line graph                               | 28.6   | 65.8                     | 75.9                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given equation                      | 42.9   | 47.3                     | 50.3                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given model                         | 28.6   | 30.2                     | 28.9                         |
| 6PR1, 6PR2 (L2)<br><u>Shape and Space</u> | Determine a mathematical expression for a situation and a table of values    | 0.0    | 39.2                     | 31.9                         |
| 6SS1 (L1)                                 | Classify a given angle according to its measure                              | 85.7   | 81.4                     | 82.5                         |
| 6SS1 (L1)                                 | Estimate the measure of an angle   | 100.0  | 85.0                     | 85.9                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a triangle is 180°                 | 85.7   | 68.6                     | 72.7                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a quadrilateral is 360°            | 100.0  | 68.2                     | 74.4                         |
| 6SS3 (L2)                                 | Find the perimeter and area of a given polygon                               | 42.9   | 52.3                     | 59.2                         |
| 6SS3 (L1)                                 | Find the volume of a given rectangular prism                                 | 42.9   | 37.3                     | 43.1                         |
| 6SS4 (L1)                                 | Identify a given triangle according to its angle measures                    | 85.7   | 66.8                     | 63.5                         |
| 6SS5 (L2)                                 | Sort a given set of polygons according to given attributes                   | 28.6   | 51.8                     | 57.4                         |
|   | Identify congruent triangles   | 100.0  | 83.2                     | 77.1                         |
| 6SS4, 6SS5 (L1)<br>6SS8 (L1)              | Identify the coordinates of two given points on a Cartesian plane            | 57.1   | 70.9                     | 68.9                         |
| 6SS6 (L1)                                 | Describe the combined transformations performed on a 2-D shape               | 71.4   | 70.9                     | 74.4                         |
| 6SS9 (L1)                                 | Describe the single transformation performed on a 2-D shape                  |        |                          |                              |
|   | Identify the successive transformations performed to create a design         | 57.1   | 80.5                     | 80.4                         |
| 6SS7 (L2)                                 | identity the successive transformations performed to create a design         | 57.1   | 61.4                     | 66.2                         |

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(Item Analysis: % of content answered correctly)

NLESD - Labrador Region

School #: 012 J.C. Erhardt Memorial School, Makkovik

Grades: K-6,8-12

| Outcome(s)  |  | School  | Region   | Province   |
|---|--|---|--|--|
| Cognitive Level   | Outcome Description  | [N=7]   | [N=227]  | [N=4,875]  |
| Number Concepts   |  |   |  |  |
| 6N1 (L1)  | Identify the value of a digit in a given number  | 28.6  | 70.5   | 68.2   |
| 6N1 (L2)  | Demonstrate an understanding of place value through base ten representations   | 42.9  | 35.9   | 38.1   |
| 6N5 (L1)  | Write and interpret ratios comparing part-to-whole   | 42.9  | 55.9   | 59.7   |
| 6N5 (L2)  | Demonstrate an understanding of equivalent ratios  | 42.9  | 50.5   | 48.4   |
| 6N6 (L1)  | Demonstrate an understanding of percent as ratio   | 28.6  | 49.6   | 50.0   |
| 6N6 (L3)  | Demonstrate an understanding of percent as ratio   | 57.1  | 81.8   | 84.1   |
| 6N3 (L2)  | Distinguish between prime and composite numbers  | 57.1  | 59.6   | 54.8   |
| 6N3 (L2)  | Determine factors of a given number  | 28.6  | 57.3   | 66.3   |
| 6N4 (L1)  | Place an improper fraction on a number line  | 28.6  | 37.7   | 38.2   |
| 6N7 (L3)  | Select integer that best fits description  | 71.4  | 75.0   | 71.9   |
| Number Operations   |  |   |  |  |
| 6N8 (L2)  | Compute products of whole numbers and decimals   |   | 00.5   |  |
| 6N2, 6N8 (L2)   | Compute products of whole numbers and decimals   | 57.1  | 86.5   | 83.1   |
| , , , ,   |  | 57.1  | 68.0   | 64.5   |
| 6N8 (L3)  | Place decimal in correct position in a product of whole numbers and decimals   | 85.7  | 84.2   | 83.8   |
| 6N2, 6N8 (L2)   | Solve a problem that involves division of decimals   | 28.6  | 65.8   | 71.0   |
| 6N2, 6N8 (L2)   | Solve a problem that involves multiplication of decimals   | 57.1  | 64.4   | 64.1   |
| 6N2 (L2)  | Estimate the solution to a subtraction problem   | 42.9  | 46.9   | 53.4   |
| 6N2 (L3)  | Determine number expression represented by base ten blocks   | 42.9  | 46.9   | 56.7   |
| 6N9 (L3)<br>6N9 (L2)  | Apply the order of operations to solve a problem   | 57.1  | 54.1   | 50.1   |
| Patterns and Relations  |  |   |  |  |
| 6PR1 (L2)   | Identify the value of an unknown term in a table of values   | 57.1  | 83.8   | 84.2   |
| 6PR1 (L3)   | Identify an error in a given table of values   | 71.4  | 85.1   | 87.9   |
| 6PR1, 6PR3 (L2)   | Write a mathematical expression for a situation  | 42.9  | 28.4   | 24.4   |
| 6PR3 (L2)   | Represent a pattern rule using a simple mathematical expression  | 42.9  | 62.6   | 53.5   |
| 6PR3 (L2)   | Extend a pattern that is shown on a line graph   | 57.1  | 65.8   | 75.9   |
| 6PR4 (L2)   | Identifying an equivalent equation for a given equation  | 42.9  | 47.3   | 50.3   |
| 6PR4 (L2)   | Identifying an equivalent equation for a given model   | 14.3  | 30.2   | 28.9   |
| 6PR1, 6PR2 (L2)<br>Shape and Space  | Determine a mathematical expression for a situation and a table of values  | 0.0   | 39.2   | 31.9   |
|   |  | 85.7  | 81.4   | 82.5   |
| 6SS1 (L1)   | Classify a given angle according to its measure  |   | 01.4   | 02.0   |
| 6SS1 (I 1)  | Classify a given angle according to its measure  |   | 85.0   | 85.0   |
| 6SS1 (L1)   | Estimate the measure of an angle   | 85.7  | 85.0   | 85.9   |
| 6SS2 (L2)   | Estimate the measure of an angle<br>Demonstrate the sum of interior angles of a triangle is 180°   | 85.7<br>42.9  | 68.6   | 72.7   |
| 6SS2 (L2)<br>6SS2 (L2)  | Estimate the measure of an angle<br>Demonstrate the sum of interior angles of a triangle is 180°<br>Demonstrate the sum of interior angles of a quadrilateral is 360°  | 85.7<br>42.9<br>57.1  | 68.6<br>68.2   | 72.7<br>74.4   |
| 6SS2 (L2)<br>6SS2 (L2)<br>6SS3 (L2)   | Estimate the measure of an angle<br>Demonstrate the sum of interior angles of a triangle is 180°<br>Demonstrate the sum of interior angles of a quadrilateral is 360°<br>Find the perimeter and area of a given polygon  | 85.7<br>42.9<br>57.1<br>14.3  | 68.6<br>68.2<br>52.3   | 72.7<br>74.4<br>59.2   |
| 6SS2 (L2)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L1)  | Estimate the measure of an angle<br>Demonstrate the sum of interior angles of a triangle is 180°<br>Demonstrate the sum of interior angles of a quadrilateral is 360°<br>Find the perimeter and area of a given polygon<br>Find the volume of a given rectangular prism  | 85.7<br>42.9<br>57.1<br>14.3<br>42.9  | 68.6<br>68.2<br>52.3<br>37.3   | 72.7<br>74.4<br>59.2<br>43.1                                 |
| 6SS2 (L2)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L1)<br>6SS4 (L1)   | Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures  | 85.7<br>42.9<br>57.1<br>14.3<br>42.9<br>57.1  | 68.6<br>68.2<br>52.3<br>37.3<br>66.8                                 | 72.7<br>74.4<br>59.2<br>43.1<br>63.5                         |
| 6SS2 (L2)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L1)<br>6SS4 (L1)<br>6SS5 (L2)  | Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures         Sort a given set of polygons according to given attributes   | 85.7<br>42.9<br>57.1<br>14.3<br>42.9<br>57.1<br>57.1<br>42.9  | 68.6<br>68.2<br>52.3<br>37.3<br>66.8<br>51.8                         | 72.7<br>74.4<br>59.2<br>43.1<br>63.5<br>57.4                 |
| 6SS2 (L2)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L1)<br>6SS4 (L1)<br>6SS5 (L2)<br>6SS4, 6SS5 (L1)                           | Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures         Sort a given set of polygons according to given attributes         Identify congruent triangles  | 85.7<br>42.9<br>57.1<br>14.3<br>42.9<br>57.1<br>42.9<br>71.4  | 68.6<br>68.2<br>52.3<br>37.3<br>66.8<br>51.8<br>83.2                 | 72.7<br>74.4<br>59.2<br>43.1<br>63.5<br>57.4<br>77.1         |
| 6SS2 (L2)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L1)<br>6SS4 (L1)<br>6SS5 (L2)<br>6SS4, 6SS5 (L1)<br>6SS8 (L1)              | Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures         Sort a given set of polygons according to given attributes         Identify congruent triangles         Identify the coordinates of two given points on a Cartesian plane  | 85.7<br>42.9<br>57.1<br>14.3<br>42.9<br>57.1<br>42.9<br>71.4<br>71.4  | 68.6<br>68.2<br>52.3<br>37.3<br>66.8<br>51.8<br>83.2<br>70.9         | 72.7<br>74.4<br>59.2<br>43.1<br>63.5<br>57.4<br>77.1<br>68.9 |
| 6SS2 (L2)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L1)<br>6SS4 (L1)<br>6SS5 (L2)<br>6SS4, 6SS5 (L1)<br>6SS8 (L1)<br>6SS6 (L1) | Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures         Sort a given set of polygons according to given attributes         Identify congruent triangles         Identify the coordinates of two given points on a Cartesian plane         Describe the combined transformations performed on a 2-D shape | 85.7           42.9           57.1           14.3           42.9           57.1           42.9           57.1           42.9           57.1           42.9           57.1           42.9           71.4           71.4           42.9 | 68.6<br>68.2<br>52.3<br>37.3<br>66.8<br>51.8<br>83.2<br>70.9<br>73.2 | 72.7<br>74.4<br>59.2<br>43.1<br>63.5<br>57.4<br>77.1         |
| 6SS2 (L2)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L1)<br>6SS4 (L1)<br>6SS5 (L2)<br>6SS4, 6SS5 (L1)<br>6SS8 (L1)              | Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures         Sort a given set of polygons according to given attributes         Identify congruent triangles         Identify the coordinates of two given points on a Cartesian plane  | 85.7<br>42.9<br>57.1<br>14.3<br>42.9<br>57.1<br>42.9<br>71.4<br>71.4  | 68.6<br>68.2<br>52.3<br>37.3<br>66.8<br>51.8<br>83.2<br>70.9         | 72.7<br>74.4<br>59.2<br>43.1<br>63.5<br>57.4<br>77.1<br>68.9 |

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(Item Analysis: % of content answered correctly)

NLESD - Labrador Region

School #: 014 Jens Haven Memorial, Nain Grades: K-12

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|  |            |  |  |  |   |     |  |

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| Outcome(s)<br>Cognitive Level | Outcome Description  | School<br>[N=12] | <b>Region</b><br>[N=227] | <b>Province</b><br>[N=4,875] |
|-------------------------------|--|------------------|--------------------------|------------------------------|
| Number Concepts               |  |                  |                          |                              |
| 6N1 (L1)                      | Identify the value of a digit in a given number                              | 45.5             | 70.5                     | 68.2                         |
| 6N1 (L2)                      | Demonstrate an understanding of place value through base ten representations | 18.2             | 35.9                     | 38.1                         |
| 6N5 (L1)                      | Write and interpret ratios comparing part-to-whole                           | 36.4             | 55.9                     | 59.7                         |
| 6N5 (L2)                      | Demonstrate an understanding of equivalent ratios                            | 63.6             | 50.5                     | 48.4                         |
| 6N6 (L1)                      | Demonstrate an understanding of percent as ratio                             | 72.7             | 49.6                     | 50.0                         |
| 6N6 (L3)                      | Demonstrate an understanding of percent as ratio                             | 90.9             | 81.8                     | 84.1                         |
| 6N3 (L2)                      | Distinguish between prime and composite numbers                              | 72.7             | 59.6                     | 54.8                         |
| 6N3 (L2)                      | Determine factors of a given number  | 63.6             | 57.3                     | 66.3                         |
| 6N4 (L1)                      | Place an improper fraction on a number line                                  | 18.2             | 37.7                     | 38.2                         |
| 6N7 (L3)                      | Select integer that best fits description                                    | 81.8             | 75.0                     | 71.9                         |
| Number Operations             |  |                  |                          |                              |
| 6N8 (L2)                      | Compute products of whole numbers and decimals                               | 58.3             | 86.5                     | 83.1                         |
| 6N2, 6N8 (L2)                 | Compute quotients of whole numbers and decimals                              | 66.7             | 68.0                     | 64.5                         |
| 6N8 (L3)                      | Place decimal in correct position in a product of whole numbers and decimals | 75.0             | 84.2                     | 83.8                         |
| 6N2, 6N8 (L2)                 | Solve a problem that involves division of decimals                           | 50.0             | 65.8                     | 71.0                         |
| 6N2, 6N8 (L2)                 | Solve a problem that involves multiplication of decimals                     | 50.0             | 64.4                     | 64.1                         |
| 6N2 (L2)                      | Estimate the solution to a subtraction problem                               | 50.0             | 46.9                     | 53.4                         |
| 6N2 (L3)                      | Determine number expression represented by base ten blocks                   | 66.7             | 46.9                     | 56.7                         |
| 6N9 (L3)                      | Apply the order of operations to solve a problem                             | 25.0             | 54.1                     | 50.1                         |
| 6N9 (L2)                      | Apply the order of operations to solve a problem                             | 41.7             | 55.0                     | 49.7                         |
| Patterns and Relations        |  |                  |                          |                              |
| 6PR1 (L2)                     | Identify the value of an unknown term in a table of values                   | 90.9             | 83.8                     | 84.2                         |
| 6PR1 (L3)                     | Identify an error in a given table of values                                 | 81.8             | 85.1                     | 87.9                         |
| 6PR1, 6PR3 (L2)               | Write a mathematical expression for a situation                              | 27.3             | 28.4                     | 24.4                         |
| 6PR3 (L2)                     | Represent a pattern rule using a simple mathematical expression              | 63.6             | 62.6                     | 53.5                         |
| 6PR3 (L2)                     | Extend a pattern that is shown on a line graph                               | 63.6             | 65.8                     | 75.9                         |
| 6PR4 (L2)                     | Identifying an equivalent equation for a given equation                      | 45.5             | 47.3                     | 50.3                         |
| 6PR4 (L2)                     | Identifying an equivalent equation for a given model                         | 18.2             | 30.2                     | 28.9                         |
| 6PR1, 6PR2 (L2)               | Determine a mathematical expression for a situation and a table of values    | 45.5             | 39.2                     | 31.9                         |
| Shape and Space               |  |                  |                          |                              |
| 6SS1 (L1)                     | Classify a given angle according to its measure                              | 90.9             | 81.4                     | 82.5                         |
| 6SS1 (L1)                     | Estimate the measure of an angle   | 81.8             | 85.0                     | 85.9                         |
| 6SS2 (L2)                     | Demonstrate the sum of interior angles of a triangle is 180°                 | 63.6             | 68.6                     | 72.7                         |
| 6SS2 (L2)                     | Demonstrate the sum of interior angles of a quadrilateral is 360°            | 81.8             | 68.2                     | 74.4                         |
| 6SS3 (L2)                     | Find the perimeter and area of a given polygon                               | 36.4             | 52.3                     | 59.2                         |
| 6SS3 (L1)                     | Find the volume of a given rectangular prism                                 | 27.3             | 37.3                     | 43.1                         |
| 6SS4 (L1)                     | Identify a given triangle according to its angle measures                    | 90.9             | 66.8                     | 63.5                         |
| 6SS5 (L2)                     | Sort a given set of polygons according to given attributes                   | 36.4             | 51.8                     | 57.4                         |
| 6SS4, 6SS5 (L1)               | Identify congruent triangles   | 90.9             | 83.2                     | 77.1                         |
| 6SS8 (L1)                     | Identify the coordinates of two given points on a Cartesian plane            | 81.8             | 70.9                     | 68.9                         |
| 6SS6 (L1)                     | Describe the combined transformations performed on a 2-D shape               | 72.7             | 73.2                     | 74.4                         |
| 6SS9 (L1)                     | Describe the single transformation performed on a 2-D shape                  | 81.8             | 80.5                     | 80.4                         |
| 6SS7 (L2)                     | Identify the successive transformations performed to create a design         | 81.8             | 61.4                     | 66.2                         |

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# Elementary Mathematics Provincial Assessment, June 2014 School Report - Multiple Choice Items

(Item Analysis: % of content answered correctly)

NLESD - Labrador Region

School #: 015 Lake Melville School, North West River Grades: K-12

| Cognitive Level  | Outcome Description  | School<br>[N=5]                     | <b>Region</b><br>[N=227]   | <b>Province</b><br>[N=4,875]   |
|--|--|-------------------------------------|--|--|
| Number Concepts  |  |                                     |  |  |
| 6N1 (L1)   | Identify the value of a digit in a given number  |                                     | 70.5   | 68.2   |
| 6N1 (L2)   | Demonstrate an understanding of place value through base ten representations   | School data                         | 35.9   | 38.1   |
| 6N5 (L1)   | Write and interpret ratios comparing part-to-whole   | with 5 or                           | 55.9   | 59.7   |
| 6N5 (L2)   | Demonstrate an understanding of equivalent ratios  | fewer                               | 50.5   | 48.4   |
| 6N6 (L1)   | Demonstrate an understanding of percent as ratio   | students                            | 49.6   | 50.0   |
| 6N6 (L3)   | Demonstrate an understanding of percent as ratio   | withheld for reasons of             | 81.8   | 84.1   |
| 6N3 (L2)   | Distinguish between prime and composite numbers  | confidentiality                     | 59.6   | 54.8   |
| 6N3 (L2)   | Determine factors of a given number  |                                     | 57.3   | 66.3   |
| 6N4 (L1)   | Place an improper fraction on a number line  |                                     | 37.7   | 38.2   |
| 6N7 (L3)   | Select integer that best fits description  |                                     | 75.0   | 71.9   |
| Number Operations  |  |                                     |  |  |
| 6N8 (L2)   | Compute products of whole numbers and decimals   |                                     | 86.5   | 83.1   |
| 6N2, 6N8 (L2)  | Compute quotients of whole numbers and decimals  |                                     | 68.0   | 64.5   |
| 6N8 (L3)   | Place decimal in correct position in a product of whole numbers and decimals   |                                     | 84.2   | 83.8   |
| 6N2, 6N8 (L2)  | Solve a problem that involves division of decimals   |                                     | 65.8   | 71.0   |
| 6N2, 6N8 (L2)  | Solve a problem that involves multiplication of decimals   |                                     | 64.4   | 64.1   |
| 6N2 (L2)   | Estimate the solution to a subtraction problem   |                                     | 46.9   | 53.4   |
| 6N2 (L3)   | Determine number expression represented by base ten blocks   |                                     | 46.9   | 56.7   |
| 6N9 (L3)   | Apply the order of operations to solve a problem   |                                     | 54.1   | 50.1   |
| 6N9 (L2)   | Apply the order of operations to solve a problem   |                                     | 55.0   | 49.7   |
|  |  |                                     |  |  |
| Patterns and Relations   |  |                                     |  |  |
| Patterns and Relations<br>6PR1 (L2)  | Identify the value of an unknown term in a table of values   | _                                   | 83.8   | 84.2   |
|  | Identify the value of an unknown term in a table of values<br>Identify an error in a given table of values   |                                     | 83.8   | 84.2<br>87.9   |
| 6PR1 (L2)  |  |                                     |  |  |
| 6PR1 (L2)<br>6PR1 (L3)   | Identify an error in a given table of values   |                                     | 85.1   | 87.9   |
| 6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)  | Identify an error in a given table of values<br>Write a mathematical expression for a situation  |                                     | 85.1<br>28.4   | 87.9<br>24.4   |
| 6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)   | Identify an error in a given table of values<br>Write a mathematical expression for a situation<br>Represent a pattern rule using a simple mathematical expression   |                                     | 85.1<br>28.4<br>62.6   | 87.9<br>24.4<br>53.5   |
| 6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)  | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph  |                                     | 85.1<br>28.4<br>62.6<br>65.8   | 87.9<br>24.4<br>53.5<br>75.9   |
| 6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)   | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation  |                                     | 85.1<br>28.4<br>62.6<br>65.8<br>47.3   | 87.9<br>24.4<br>53.5<br>75.9<br>50.3   |
| 6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>Shape and Space   | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values   |                                     | 85.1<br>28.4<br>62.6<br>65.8<br>47.3<br>30.2<br>39.2   | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9   |
| 6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br><b>Shape and Space</b><br>6SS1 (L1)   | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure   |                                     | 85.1<br>28.4<br>62.6<br>65.8<br>47.3<br>30.2<br>39.2<br>81.4   | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5   |
| 6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br><b>Shape and Space</b><br>6SS1 (L1)<br>6SS1 (L1)  | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle  |                                     | 85.1<br>28.4<br>62.6<br>65.8<br>47.3<br>30.2<br>39.2<br>81.4<br>85.0   | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9   |
| 6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br><b>Shape and Space</b><br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)   | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°   |                                     | 85.1<br>28.4<br>62.6<br>65.8<br>47.3<br>30.2<br>39.2<br>81.4   | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5   |
| 6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br><b>Shape and Space</b><br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS2 (L2)  | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°   |                                     | 85.1<br>28.4<br>62.6<br>65.8<br>47.3<br>30.2<br>39.2<br>81.4<br>85.0   | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9   |
| 6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br><b>Shape and Space</b><br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS2 (L2)<br>6SS3 (L2)   | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°   | 80.0                                | 85.1<br>28.4<br>62.6<br>65.8<br>47.3<br>30.2<br>39.2<br>81.4<br>85.0<br>68.6<br>68.2<br>52.3   | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2   |
| 6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br><b>Shape and Space</b><br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS2 (L2)  | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism   | 80.0<br>0.0                         | 85.1<br>28.4<br>62.6<br>65.8<br>47.3<br>30.2<br>39.2<br>81.4<br>85.0<br>68.6<br>68.2   | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4   |
| 6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br><b>Shape and Space</b><br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS2 (L2)<br>6SS3 (L2)   | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures   |                                     | 85.1<br>28.4<br>62.6<br>65.8<br>47.3<br>30.2<br>39.2<br>81.4<br>85.0<br>68.6<br>68.2<br>52.3   | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2   |
| 6PR1 (L2)         6PR1 (L3)         6PR1, 6PR3 (L2)         6PR3 (L2)         6PR3 (L2)         6PR4 (L2)         6PR4 (L2)         6PR1, 6PR2 (L2)         Shape and Space         6SS1 (L1)         6SS2 (L2)         6SS3 (L2)  | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Permonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to its angle measures   | 0.0                                 | 85.1<br>28.4<br>62.6<br>65.8<br>47.3<br>30.2<br>39.2<br>81.4<br>85.0<br>68.6<br>68.2<br>52.3<br>37.3                                 | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1   |
| 6PR1 (L2)         6PR1 (L3)         6PR1, 6PR3 (L2)         6PR3 (L2)         6PR3 (L2)         6PR4 (L2)         6PR4 (L2)         6PR4 (L2)         6PR1, 6PR2 (L2)         Shape and Space         6SS1 (L1)         6SS2 (L2)         6SS3 (L1)         6SS4 (L1)  | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures   | 0.0 40.0                            | 85.1<br>28.4<br>62.6<br>65.8<br>47.3<br>30.2<br>39.2<br>81.4<br>85.0<br>68.6<br>68.2<br>52.3<br>37.3<br>66.8                         | 87.9         24.4         53.5         75.9         50.3         28.9         31.9         82.5         85.9         72.7         74.4         59.2         43.1         63.5  |
| 6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br><b>Shape and Space</b><br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L1)<br>6SS3 (L1)<br>6SS4 (L1)  | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Permonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to its angle measures   | 0.0<br>40.0<br>40.0                 | 85.1<br>28.4<br>62.6<br>65.8<br>47.3<br>30.2<br>39.2<br>81.4<br>85.0<br>68.6<br>68.2<br>52.3<br>37.3<br>66.8<br>51.8                 | 87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5           57.4                               |
| 6PR1 (L2)         6PR1 (L3)         6PR1, 6PR3 (L2)         6PR3 (L2)         6PR3 (L2)         6PR4 (L2)         6SS1 (L1)         6SS2 (L2)         6SS3 (L2)         6SS4 (L1)         6SS5 (L2)         6SS4 (SS5 (L1) | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to its angle measures         Sort a given set of polygons according to given attributes   | 0.0<br>40.0<br>40.0<br>80.0         | 85.1<br>28.4<br>62.6<br>65.8<br>47.3<br>30.2<br>39.2<br>81.4<br>85.0<br>68.6<br>68.2<br>52.3<br>37.3<br>66.8<br>51.8<br>83.2         | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1<br>63.5<br>57.4<br>77.1   |
| 6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br><b>Shape and Space</b><br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L2)<br>6SS3 (L1)<br>6SS4 (L1)<br>6SS5 (L2)<br>6SS5 (L2)  | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to its angle measures         Sort a given set of polygons according to given attributes         Identify the coordinates of two given points on a Cartesian plane | 0.0<br>40.0<br>40.0<br>80.0<br>20.0 | 85.1<br>28.4<br>62.6<br>65.8<br>47.3<br>30.2<br>39.2<br>81.4<br>85.0<br>68.6<br>68.2<br>52.3<br>37.3<br>66.8<br>51.8<br>83.2<br>70.9 | 87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5           57.4           77.1           68.9 |

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(Item Analysis: % of content answered correctly)

NLESD - Labrador Region

School #: 016 B.L. Morrison, Postville

| Outcome(s)<br>Cognitive Level       | Outcome Description  | School<br>[N=3]         | <b>Region</b><br>[N=227] | Province<br>[N=4,875] |
|-------------------------------------|--|-------------------------|--------------------------|-----------------------|
| Number Concepts                     |  |                         |                          |                       |
| 6N1 (L1)                            | Identify the value of a digit in a given number  |                         | 70.5                     | 68.2                  |
| 6N1 (L2)                            | Demonstrate an understanding of place value through base ten representations   | School data             | 35.9                     | 38.1                  |
| 6N5 (L1)                            | Write and interpret ratios comparing part-to-whole   | with 5 or               | 55.9                     | 59.7                  |
| 6N5 (L2)                            | Demonstrate an understanding of equivalent ratios  | fewer                   | 50.5                     | 48.4                  |
| 6N6 (L1)                            | Demonstrate an understanding of percent as ratio   | students                | 49.6                     | 50.0                  |
| 6N6 (L3)                            | Demonstrate an understanding of percent as ratio   | withheld for reasons of | 81.8                     | 84.1                  |
| 6N3 (L2)                            | Distinguish between prime and composite numbers  | confidentiality         | 59.6                     | 54.8                  |
| 6N3 (L2)                            | Determine factors of a given number  |                         | 57.3                     | 66.3                  |
| 6N4 (L1)                            | Place an improper fraction on a number line  |                         | 37.7                     | 38.2                  |
| 6N7 (L3)                            | Select integer that best fits description  |                         | 75.0                     | 71.9                  |
| Number Operations                   |  |                         |                          |                       |
| 6N8 (L2)                            | Compute products of whole numbers and decimals   |                         | 86.5                     | 83.1                  |
| 6N2, 6N8 (L2)                       | Compute quotients of whole numbers and decimals  |                         | 68.0                     | 64.5                  |
| 6N8 (L3)                            | Place decimal in correct position in a product of whole numbers and decimals   |                         | 84.2                     | 83.8                  |
| 6N2, 6N8 (L2)                       | Solve a problem that involves division of decimals   |                         | 65.8                     | 71.0                  |
| 6N2, 6N8 (L2)                       | Solve a problem that involves multiplication of decimals   |                         | 64.4                     | 64.1                  |
| 6N2 (L2)                            | Estimate the solution to a subtraction problem   |                         | 46.9                     | 53.4                  |
| 6N2 (L3)                            | Determine number expression represented by base ten blocks   |                         | 46.9                     | 56.7                  |
| 6N9 (L3)                            | Apply the order of operations to solve a problem   |                         | 54.1                     | 50.1                  |
| 6N9 (L2)                            | Apply the order of operations to solve a problem   |                         | 55.0                     | 49.7                  |
| Patterns and Relations<br>6PR1 (L2) | Identify the value of an unknown term in a table of values   |                         | 83.8                     | 84.2                  |
|                                     |  |                         |                          |                       |
| 6PR1 (L3)                           | Identify an error in a given table of values   |                         | 85.1                     | 87.9                  |
| 6PR1, 6PR3 (L2)                     | Write a mathematical expression for a situation  |                         | 28.4                     | 24.4                  |
| 6PR3 (L2)                           | Represent a pattern rule using a simple mathematical expression  |                         | 62.6                     | 53.5                  |
| 6PR3 (L2)                           | Extend a pattern that is shown on a line graph   |                         | 65.8                     | 75.9                  |
| 6PR4 (L2)                           | Identifying an equivalent equation for a given equation  |                         | 47.3                     | 50.3<br>28.9          |
| 6PR4 (L2)<br>6PR1, 6PR2 (L2)        | Identifying an equivalent equation for a given model Determine a mathematical expression for a situation and a table of values |                         | 30.2                     | 31.9                  |
| Shape and Space                     |  |                         | 00.2                     | 01.5                  |
| 6SS1 (L1)                           | Classify a given angle according to its measure  |                         | 81.4                     | 82.5                  |
| 6SS1 (L1)                           | Estimate the measure of an angle   |                         | 85.0                     | 85.9                  |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a triangle is 180°   |                         | 68.6                     | 72.7                  |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a quadrilateral is 360°  |                         | 68.2                     | 74.4                  |
| 6SS3 (L2)                           | Find the perimeter and area of a given polygon   | 100.0                   | 52.3                     | 59.2                  |
| 6SS3 (L1)                           | Find the volume of a given rectangular prism   | 33.3                    | 37.3                     | 43.1                  |
| 6SS4 (L1)                           | Identify a given triangle according to its angle measures  | 100.0                   | 66.8                     | 63.5                  |
| 6SS5 (L2)                           | Sort a given set of polygons according to given attributes   | 100.0                   | 51.8                     | 57.4                  |
| 6SS4, 6SS5 (L1)                     | Identify congruent triangles   | 66.7                    | 83.2                     | 77.1                  |
| 6SS8 (L1)                           | Identify the coordinates of two given points on a Cartesian plane  | 100.0                   | 70.9                     | 68.9                  |
| 6SS6 (L1)                           | Describe the combined transformations performed on a 2-D shape   | 100.0                   | 73.2                     | 74.4                  |
| 6SS9 (L1)                           | Describe the single transformation performed on a 2-D shape  | 100.0                   | 80.5                     | 80.4                  |
| 6SS7 (L2)                           | Identify the successive transformations performed to create a design   | 100.0                   | 61.4                     | 66.2                  |
|                                     | · · · · ·  | 100.0                   | 01.4                     | 00.2                  |

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(Item Analysis: % of content answered correctly)

NLESD - Labrador Region

## School #: 017 Northern Lights Academy, Rigolet

| Outcome(s)<br>Cognitive Level       | Outcome Description  | School<br>[N=1]         | <b>Region</b><br>[N=227] | Province<br>[N=4,875] |
|-------------------------------------|--|-------------------------|--------------------------|-----------------------|
| Number Concepts                     |  |                         |                          |                       |
| 6N1 (L1)                            | Identify the value of a digit in a given number  |                         | 70.5                     | 68.2                  |
| 6N1 (L2)                            | Demonstrate an understanding of place value through base ten representations                         | School data             | 35.9                     | 38.1                  |
| 6N5 (L1)                            | Write and interpret ratios comparing part-to-whole   | with 5 or               | 55.9                     | 59.7                  |
| 6N5 (L2)                            | Demonstrate an understanding of equivalent ratios  | fewer                   | 50.5                     | 48.4                  |
| 6N6 (L1)                            | Demonstrate an understanding of percent as ratio   | students                | 49.6                     | 50.0                  |
| 6N6 (L3)                            | Demonstrate an understanding of percent as ratio   | withheld for reasons of | 81.8                     | 84.1                  |
| 6N3 (L2)                            | Distinguish between prime and composite numbers  | confidentiality         | 59.6                     | 54.8                  |
| 6N3 (L2)                            | Determine factors of a given number  |                         | 57.3                     | 66.3                  |
| 6N4 (L1)                            | Place an improper fraction on a number line  |                         | 37.7                     | 38.2                  |
| 6N7 (L3)                            | Select integer that best fits description  |                         | 75.0                     | 71.9                  |
| Number Operations                   |  |                         |                          |                       |
| 6N8 (L2)                            | Compute products of whole numbers and decimals   |                         | 86.5                     | 83.1                  |
| 6N2, 6N8 (L2)                       | Compute quotients of whole numbers and decimals  |                         | 68.0                     | 64.5                  |
| 6N8 (L3)                            | Place decimal in correct position in a product of whole numbers and decimals                         |                         | 84.2                     | 83.8                  |
| 6N2, 6N8 (L2)                       | Solve a problem that involves division of decimals   |                         | 65.8                     | 71.0                  |
| 6N2, 6N8 (L2)                       | Solve a problem that involves multiplication of decimals   |                         | 64.4                     | 64.1                  |
| 6N2 (L2)                            | Estimate the solution to a subtraction problem   |                         | 46.9                     | 53.4                  |
| 6N2 (L3)                            | ·  |                         | 46.9                     | 56.7                  |
| 6N9 (L3)                            | Determine number expression represented by base ten blocks   |                         | 54.1                     | 50.1                  |
| 6N9 (L2)                            | Apply the order of operations to solve a problem<br>Apply the order of operations to solve a problem |                         | 55.0                     | 49.7                  |
| Patterns and Relations<br>6PR1 (L2) | Identify the value of an unknown term in a table of values   |                         | 83.8                     | 84.2                  |
| 6PR1 (L3)                           | Identify an error in a given table of values   |                         | 85.1                     | 87.9                  |
| 6PR1, 6PR3 (L2)                     | Write a mathematical expression for a situation  |                         | 28.4                     | 24.4                  |
| 6PR3 (L2)                           | Represent a pattern rule using a simple mathematical expression                                      |                         | 62.6                     | 53.5                  |
| 6PR3 (L2)                           | Extend a pattern that is shown on a line graph   |                         | 65.8                     | 75.9                  |
| 6PR4 (L2)                           | Identifying an equivalent equation for a given equation  | _                       | 47.3                     | 50.3                  |
| 6PR4 (L2)                           | Identifying an equivalent equation for a given model   |                         | 30.2                     | 28.9                  |
| 6PR1, 6PR2 (L2)                     | Determine a mathematical expression for a situation and a table of values                            |                         | 39.2                     | 31.9                  |
| Shape and Space                     |  |                         |                          |                       |
| 6SS1 (L1)                           | Classify a given angle according to its measure  |                         | 81.4                     | 82.5                  |
| 6SS1 (L1)                           | Estimate the measure of an angle   |                         | 85.0                     | 85.9                  |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a triangle is 180°   |                         | 68.6                     | 72.7                  |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a quadrilateral is 360°                                    |                         | 68.2                     | 74.4                  |
| 6SS3 (L2)                           | Find the perimeter and area of a given polygon   | 0.0                     | 52.3                     | 59.2                  |
| 6SS3 (L1)                           | Find the volume of a given rectangular prism   | 0.0                     | 37.3                     | 43.1                  |
| 6SS4 (L1)                           | Identify a given triangle according to its angle measures  | 100.0                   | 66.8                     | 63.5                  |
| 6SS5 (L2)                           | Sort a given set of polygons according to given attributes   | 100.0                   | 51.8                     | 57.4                  |
| 6SS4, 6SS5 (L1)                     | Identify congruent triangles   | 100.0                   | 83.2                     | 77.1                  |
| 6SS8 (L1)                           | Identify the coordinates of two given points on a Cartesian plane                                    | 0.0                     | 70.9                     | 68.9                  |
| 6SS6 (L1)                           | Describe the combined transformations performed on a 2-D shape                                       | 100.0                   | 73.2                     | 74.4                  |
| 6SS9 (L1)                           | Describe the single transformation performed on a 2-D shape  | 100.0                   | 80.5                     | 80.4                  |
| 6SS7 (L2)                           | Identify the successive transformations performed to create a design                                 | 100.0                   | 61.4                     | 66.2                  |
|                                     |  |                         |                          |                       |

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L1 - Knowledge / Comprehension; L2 - Application; L3 - Analysis



(Item Analysis: % of content answered correctly)

NLESD - Labrador Region

## School #: 381 J.R. Smallwood Middle School, Wabush

Grades: 4-7

| Outcome(s)<br>Cognitive Level   | Outcome Description  | <b>School</b><br>[N=104] | <b>Region</b><br>[N=227] | <b>Province</b><br>[N=4,875] |
|---------------------------------|--|--------------------------|--------------------------|------------------------------|
| Number Concepts                 |  |                          |                          |                              |
| 6N1 (L1)                        | Identify the value of a digit in a given number                                  | 78.4                     | 70.5                     | 68.2                         |
| 6N1 (L2)                        | Demonstrate an understanding of place value through base ten representations     | 42.2                     | 35.9                     | 38.1                         |
| 6N5 (L1)                        | Write and interpret ratios comparing part-to-whole                               | 61.8                     | 55.9                     | 59.7                         |
| 6N5 (L2)                        | Demonstrate an understanding of equivalent ratios                                | 54.9                     | 50.5                     | 48.4                         |
| 6N6 (L1)                        | Demonstrate an understanding of percent as ratio                                 | 55.9                     | 49.6                     | 50.0                         |
| 6N6 (L3)                        | Demonstrate an understanding of percent as ratio                                 | 85.3                     | 81.8                     | 84.1                         |
| 6N3 (L2)                        | Distinguish between prime and composite numbers                                  | 70.6                     | 59.6                     | 54.8                         |
| 6N3 (L2)                        | Determine factors of a given number  | 59.8                     | 57.3                     | 66.3                         |
| 6N4 (L1)                        | Place an improper fraction on a number line                                      | 47.1                     | 37.7                     | 38.2                         |
| 6N7 (L3)                        | Select integer that best fits description  | 79.4                     | 75.0                     | 71.9                         |
| Number Operations               |  |                          |                          |                              |
| 6N8 (L2)                        | Compute products of whole numbers and decimals                                   | 90.2                     | 86.5                     | 83.1                         |
| 6N2, 6N8 (L2)                   | Compute quotients of whole numbers and decimals                                  | 79.4                     | 68.0                     | 64.5                         |
| 6N8 (L3)                        | Place decimal in correct position in a product of whole numbers and decimals     | 87.3                     | 84.2                     | 83.8                         |
| 6N2, 6N8 (L2)                   | Solve a problem that involves division of decimals                               | 76.5                     | 65.8                     | 71.0                         |
| 6N2, 6N8 (L2)                   | Solve a problem that involves multiplication of decimals                         | 66.7                     | 64.4                     | 64.1                         |
| 6N2 (L2)                        | Estimate the solution to a subtraction problem                                   | 44.1                     | 46.9                     | 53.4                         |
| 6N2 (L3)                        | Determine number expression represented by base ten blocks                       | 44.1                     | 46.9                     | 56.7                         |
| 6N9 (L3)                        | Apply the order of operations to solve a problem                                 | 60.8                     | 54.1                     | 50.1                         |
| 6N9 (L2)                        | Apply the order of operations to solve a problem                                 | 61.8                     | 55.0                     | 49.7                         |
| Patterns and Relations          |  |                          |                          |                              |
| 6PR1 (L2)                       | Identify the value of an unknown term in a table of values                       | 87.1                     | 83.8                     | 84.2                         |
| 6PR1 (L3)                       | Identify an error in a given table of values                                     | 90.1                     | 85.1                     | 87.9                         |
| 6PR1, 6PR3 (L2)                 | Write a mathematical expression for a situation                                  | 38.6                     | 28.4                     | 24.4                         |
| 6PR3 (L2)                       | Represent a pattern rule using a simple mathematical expression                  | 70.3                     | 62.6                     | 53.5                         |
| 6PR3 (L2)                       | Extend a pattern that is shown on a line graph                                   | 66.3                     | 65.8                     | 75.9                         |
| 6PR4 (L2)                       | Identifying an equivalent equation for a given equation                          | 50.5                     | 47.3                     | 50.3                         |
| 6PR4 (L2)                       | Identifying an equivalent equation for a given model                             | 31.7                     | 30.2                     | 28.9                         |
| 6PR1, 6PR2 (L2) Shape and Space | Determine a mathematical expression for a situation and a table of values        | 63.4                     | 39.2                     | 31.9                         |
|                                 | Classify a given angle according to its measure                                  | 90.1                     | 81.4                     | 82.5                         |
| 6SS1 (L1)<br>6SS1 (L1)          | Classify a given angle according to its measure Estimate the measure of an angle | 84.2                     | 85.0                     | 85.9                         |
| 6SS2 (L2)                       | Demonstrate the sum of interior angles of a triangle is 180°                     |                          |                          | -                            |
| 6SS2 (L2)<br>6SS2 (L2)          | Demonstrate the sum of interior angles of a quadrilateral is 360°                | 73.3                     | 68.6                     | 72.7                         |
| 6SS3 (L2)                       | Find the perimeter and area of a given polygon                                   | 75.3                     | 68.2                     | 74.4                         |
| 6SS3 (L1)                       | Find the volume of a given rectangular prism                                     | 66.3<br>46.5             | 52.3<br>37.3             | 59.2<br>43.1                 |
|                                 | Identify a given triangle according to its angle measures                        |                          |                          |                              |
| 6SS4 (L1)                       | Sort a given set of polygons according to given attributes                       | 65.4<br>58.4             | 66.8<br>51.8             | 63.5<br>57.4                 |
| 6SS5 (L2)                       | Identify congruent triangles   | 83.2                     | 83.2                     | 77.1                         |
| 6SS4, 6SS5 (L1)                 |  |                          |                          |                              |
| 6SS8 (L1)                       | Identify the coordinates of two given points on a Cartesian plane                | 73.3                     | 70.9                     | 68.9                         |
| 6SS6 (L1)                       | Describe the combined transformations performed on a 2-D shape                   | 81.2                     | 73.2                     | 74.4                         |
| 6SS9 (L1)                       | Describe the single transformation performed on a 2-D shape                      | 75.3                     | 80.5                     | 80.4                         |
| 6SS7 (L2)                       | Identify the successive transformations performed to create a design             | 60.4                     | 61.4                     | 66.2                         |

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Source: Division of Evaluation and Research, Department of Education and Early Childhood Development

Mushuau Innu Natuashish and Peenamin McKenzie School are excluded from district and provincial results.



(Item Analysis: % of content answered correctly)

#### NLESD - Western Region

School #: 022 William Gillett Academy, Charlottetown, LAB

| Outcome(s)<br>Cognitive Level  | Outcome Description   | School<br>[N=6]  | <b>Region</b><br>[N=822]   | <b>Province</b><br>[N=4,875]  |
|--|---|--|--|---|
| Number Concepts  |   |  |  |   |
| 6N1 (L1)   | Identify the value of a digit in a given number   | 66.7   | 65.8   | 68.2  |
| 6N1 (L2)   | Demonstrate an understanding of place value through base ten representations  | 16.7   | 42.7   | 38.1  |
| 6N5 (L1)   | Write and interpret ratios comparing part-to-whole  | 83.3   | 56.9   | 59.7  |
| 6N5 (L2)   | Demonstrate an understanding of equivalent ratios   | 50.0   | 45.0   | 48.4  |
| 6N6 (L1)   | Demonstrate an understanding of percent as ratio  | 50.0   | 47.2   | 50.0  |
| 6N6 (L3)   | Demonstrate an understanding of percent as ratio  | 66.7   | 83.4   | 84.1  |
| 6N3 (L2)   | Distinguish between prime and composite numbers   | 100.0  | 53.9   | 54.8  |
| 6N3 (L2)   | Determine factors of a given number   | 83.3   | 68.9   | 66.3  |
| 6N4 (L1)   | Place an improper fraction on a number line   | 50.0   | 33.3   | 38.2  |
| 6N7 (L3)   | Select integer that best fits description   | 83.3   | 67.2   | 71.9  |
| Number Operations  |   |  |  |   |
| 6N8 (L2)   | Compute products of whole numbers and decimals  | 83.3   | 81.0   | 83.1  |
| 6N2, 6N8 (L2)  | Compute quotients of whole numbers and decimals   | 33.3   | 62.3   | 64.5  |
| 6N8 (L3)   | Place decimal in correct position in a product of whole numbers and decimals  | 83.3   | 82.4   | 83.8  |
| 6N2, 6N8 (L2)  | Solve a problem that involves division of decimals  | 66.7   | 70.2   | 71.0  |
| 6N2, 6N8 (L2)  | Solve a problem that involves multiplication of decimals  | 66.7   | 60.9   | 64.1  |
| 6N2 (L2)   | Estimate the solution to a subtraction problem  | 66.7   | 50.3   | 53.4  |
|  | ·   | 66.7   | 56.3   | 56.7  |
|  | Determine number expression represented by base ten blocks  | 00.7   |  |   |
| 6N2 (L3)   |   | 167  |  |   |
| 6N9 (L3)<br>6N9 (L2)   | Apply the order of operations to solve a problem<br>Apply the order of operations to solve a problem  | <u>16.7</u><br>50.0  | 48.1<br>44.9   | 50.1<br>49.7  |
| 6N9 (L3)   |   | -  | -  |   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations   | Apply the order of operations to solve a problem  | 50.0   | 44.9   | 49.7  |
| 6N9 (L3)<br>6N9 (L2)<br><i>Patterns and Relations</i><br>6PR1 (L2)   | Apply the order of operations to solve a problem<br>Identify the value of an unknown term in a table of values  | 83.3   | 44.9<br>83.3   | 49.7<br>84.2  |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)   | Apply the order of operations to solve a problem<br>Identify the value of an unknown term in a table of values<br>Identify an error in a given table of values<br>Write a mathematical expression for a situation   | 50.0<br>83.3<br>100.0  | 44.9<br>83.3<br>87.3   | 49.7<br>84.2<br>87.9  |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)  | Apply the order of operations to solve a problem<br>Identify the value of an unknown term in a table of values<br>Identify an error in a given table of values  | 50.0<br>83.3<br>100.0<br>0.0   | 44.9<br>83.3<br>87.3<br>22.2   | 49.7<br>84.2<br>87.9<br>24.4  |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)   | Apply the order of operations to solve a problem<br>Identify the value of an unknown term in a table of values<br>Identify an error in a given table of values<br>Write a mathematical expression for a situation<br>Represent a pattern rule using a simple mathematical expression  | 50.0<br>83.3<br>100.0<br>0.0<br>33.3   | 44.9<br>83.3<br>87.3<br>22.2<br>53.3   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5  |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)   | Apply the order of operations to solve a problem<br>Identify the value of an unknown term in a table of values<br>Identify an error in a given table of values<br>Write a mathematical expression for a situation<br>Represent a pattern rule using a simple mathematical expression<br>Extend a pattern that is shown on a line graph  | 50.0<br>83.3<br>100.0<br>0.0<br>33.3<br>83.3   | 44.9<br>83.3<br>87.3<br>22.2<br>53.3<br>77.3   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9  |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1 (L3)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)  | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation   | 50.0<br>83.3<br>100.0<br>0.0<br>33.3<br>83.3<br>66.7   | 44.9<br>83.3<br>87.3<br>22.2<br>53.3<br>77.3<br>46.3   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3  |
| 6N9 (L3)         6N9 (L2)         Patterns and Relations         6PR1 (L2)         6PR1 (L3)         6PR1, 6PR3 (L2)         6PR3 (L2)         6PR4 (L2)         6PR1, 6PR2 (L2)         6PR4 (L2)         6PR1, 6PR2 (L2)         Shape and Space   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values  | 50.0<br>83.3<br>100.0<br>0.0<br>33.3<br>83.3<br>66.7<br>0.0<br>0.0   | 44.9<br>83.3<br>87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9  |
| 6N9 (L3)         6N9 (L2)         Patterns and Relations         6PR1 (L2)         6PR1 (L3)         6PR1 (L3)         6PR3 (L2)         6PR3 (L2)         6PR4 (L2)         6PR1, 6PR2 (L2)         6PR4 (L2)         6PR1, 6PR2 (L2)         6PR1 (L2)         6PR4 (L2)         6PR1 (L2)         6PR1 (L2)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure  | 50.0<br>50.0<br>83.3<br>100.0<br>0.0<br>33.3<br>83.3<br>66.7<br>0.0<br>0.0<br>66.7   | 44.9<br>83.3<br>87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5  |
| 6N9 (L3)         6N9 (L2)         Patterns and Relations         6PR1 (L2)         6PR1 (L3)         6PR1 (L3)         6PR1 (L2)         6PR3 (L2)         6PR4 (L2)         6PR1, 6PR2 (L2)         6PR4 (L2)         6PR1, 6PR2 (L2)         Shape and Space         6SS1 (L1)         6SS1 (L1)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle   | 50.0<br>50.0<br>83.3<br>100.0<br>0.0<br>33.3<br>83.3<br>66.7<br>0.0<br>0.0<br>66.7<br>66.7<br>83.3   | 44.9<br>83.3<br>87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9  |
| 6N9 (L3)         6N9 (L2)         Patterns and Relations         6PR1 (L2)         6PR1 (L3)         6PR1 (L3)         6PR1 (L2)         6PR3 (L2)         6PR4 (L2)         6PR1, 6PR2 (L2)         6PR4 (L2)         6PR1, 6PR2 (L2)         Shape and Space         6SS1 (L1)         6SS2 (L2)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°  | 50.0<br>50.0<br>83.3<br>100.0<br>0.0<br>33.3<br>83.3<br>66.7<br>0.0<br>0.0<br>66.7<br>66.7<br>83.3<br>66.7   | 44.9<br>83.3<br>87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0<br>71.5   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7  |
| 6N9 (L3)         6N9 (L2)         Patterns and Relations         6PR1 (L2)         6PR1 (L3)         6PR1 (L3)         6PR1 (ABR3 (L2)         6PR3 (L2)         6PR4 (L2)         6PR4 (L2)         6PR1, 6PR2 (L2)         Shape and Space         6SS1 (L1)         6SS2 (L2)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°  | 50.0<br>83.3<br>100.0<br>0.0<br>33.3<br>83.3<br>66.7<br>0.0<br>66.7<br>83.3<br>66.7<br>83.3<br>66.7<br>100.0   | 44.9<br>83.3<br>87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0<br>71.5<br>73.8   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4  |
| 6N9 (L3)         6N9 (L2)         Patterns and Relations         6PR1 (L2)         6PR1 (L2)         6PR1 (L3)         6PR3 (L2)         6PR3 (L2)         6PR4 (L2)         6PR4 (L2)         6PR4 (L2)         6PR1, 6PR2 (L2)         Shape and Space         6SS1 (L1)         6SS2 (L2)         6SS3 (L2)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon   | 50.0<br>83.3<br>100.0<br>0.0<br>33.3<br>83.3<br>66.7<br>0.0<br>0.0<br>66.7<br>83.3<br>66.7<br>100.0<br>66.7<br>100.0<br>66.7   | 44.9<br>83.3<br>87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0<br>71.5<br>73.8<br>59.9   | 49.7           84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2   |
| 6N9 (L3)         6N9 (L2)         Patterns and Relations         6PR1 (L2)         6PR1 (L3)         6PR1 (L3)         6PR1 (L2)         6PR3 (L2)         6PR4 (L2)         6PR4 (L2)         6PR1, 6PR2 (L2)         Shape and Space         6SS1 (L1)         6SS2 (L2)         6SS3 (L2)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism  | 50.0<br>50.0<br>83.3<br>100.0<br>0.0<br>33.3<br>83.3<br>66.7<br>0.0<br>0.0<br>0.0<br>66.7<br>83.3<br>66.7<br>83.3<br>66.7<br>100.0<br>66.7<br>100.0  | 44.9<br>83.3<br>87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0<br>71.5<br>73.8<br>59.9<br>42.4   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1  |
| 6N9 (L3)         6N9 (L2)         Patterns and Relations         6PR1 (L2)         6PR1 (L3)         6PR1 (L3)         6PR1 (L2)         6PR3 (L2)         6PR4 (L2)         6SS1 (L1)         6SS2 (L2)         6SS3 (L1)         6SS4 (L1)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures  | 50.0<br>50.0<br>83.3<br>100.0<br>0.0<br>33.3<br>83.3<br>66.7<br>0.0<br>0.0<br>0.0<br>66.7<br>83.3<br>66.7<br>100.0<br>66.7<br>100.0<br>66.7<br>16.7<br>50.0  | 44.9           83.3           87.3           22.2           53.3           77.3           46.3           23.9           30.7           80.8           85.0           71.5           73.8           59.9           42.4           61.1  | 49.7           84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5   |
| 6N9 (L3)         6N9 (L2)         Patterns and Relations         6PR1 (L2)         6PR1 (L3)         6PR1 (A3)         6PR1 (A2)         6PR3 (L2)         6PR4 (L2)         6SS1 (L1)         6SS3 (L1)         6SS4 (L1)         6SS5 (L2)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to given attributes   | 50.0<br>50.0<br>83.3<br>100.0<br>0.0<br>33.3<br>83.3<br>66.7<br>0.0<br>0.0<br>66.7<br>83.3<br>66.7<br>83.3<br>66.7<br>100.0<br>66.7<br>100.0<br>66.7<br>100.0<br>50.0<br>33.3  | 44.9         83.3         87.3         22.2         53.3         77.3         46.3         23.9         30.7         80.8         85.0         71.5         73.8         59.9         42.4         61.1         55.9   | 49.7           84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5           57.4  |
| 6N9 (L3)           6N9 (L2)           Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1 (L3)           6PR1 (6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6SS1 (L1)           6SS2 (L2)           6SS4 (L1)           6SS4 (6SS5 (L1)         | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures         Sort a given set of polygons according to given attributes         Identify congruent triangles  | 50.0<br>50.0<br>83.3<br>100.0<br>0.0<br>33.3<br>83.3<br>66.7<br>0.0<br>0.0<br>66.7<br>66.7<br>100.0<br>66.7<br>100.0<br>66.7<br>100.0<br>66.7<br>100.0<br>66.7<br>100.0<br>33.3<br>83.3  | 44.9           83.3           87.3           22.2           53.3           77.3           46.3           23.9           30.7           80.8           85.0           71.5           73.8           59.9           42.4           61.1           55.9           77.7                | 49.7           84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5           57.4           77.1                               |
| 6N9 (L3)         6N9 (L2)         Patterns and Relations         6PR1 (L2)         6PR1 (L3)         6PR1 (L3)         6PR1 (L2)         6PR3 (L2)         6PR3 (L2)         6PR4 (L2)         6SS1 (L1)         6SS2 (L2)         6SS4 (L1)         6SS8 (L1)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Pemonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to its angle measures         Sort a given set of polygons according to given attributes         Identify the coordinates of two given points on a Cartesian plane  | 50.0           83.3           100.0           0.0           33.3           83.3           66.7           0.0           66.7           83.3           66.7           100.0           66.7           100.0           66.7           100.0           66.7           100.0           66.7           33.3           83.3           66.7           100.0           66.7           33.3           83.3           66.7 | 44.9           83.3           87.3           22.2           53.3           77.3           46.3           23.9           30.7           80.8           85.0           71.5           73.8           59.9           42.4           61.1           55.9           77.7           68.2 | 49.7           84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5           57.4           77.1           68.9                |
| 6N9 (L3)           6N9 (L2)           Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1 (L3)           6PR1 (L3)           6PR1 (L2)           6PR3 (L2)           6PR4 (L2)           6SS1 (L1)           6SS2 (L2)           6SS3 (L1)           6SS4 (L1)           6SS6 (L1) | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to its angle measures         Sort a given set of polygons according to given attributes         Identify the coordinates of two given points on a Cartesian plane         Describe the combined transformations performed on a 2-D shape | 50.0<br>50.0<br>83.3<br>100.0<br>0.0<br>33.3<br>83.3<br>66.7<br>0.0<br>0.0<br>0.0<br>66.7<br>83.3<br>66.7<br>100.0<br>66.7<br>16.7<br>50.0<br>33.3<br>83.3<br>83.3<br>66.7   | 44.9         83.3         87.3         22.2         53.3         77.3         46.3         23.9         30.7         80.8         85.0         71.5         73.8         59.9         42.4         61.1         55.9         77.7         68.2         74.2                        | 49.7           84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5           57.4           77.1           68.9           74.4 |
| 6N9 (L3)         6N9 (L2)         Patterns and Relations         6PR1 (L2)         6PR1 (L3)         6PR1 (L3)         6PR1 (L2)         6PR3 (L2)         6PR3 (L2)         6PR4 (L2)         6SS1 (L1)         6SS2 (L2)         6SS4 (L1)         6SS8 (L1)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Pemonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to its angle measures         Sort a given set of polygons according to given attributes         Identify the coordinates of two given points on a Cartesian plane  | 50.0           83.3           100.0           0.0           33.3           83.3           66.7           0.0           66.7           83.3           66.7           100.0           66.7           100.0           66.7           100.0           66.7           100.0           66.7           33.3           83.3           66.7           100.0           66.7           33.3           83.3           66.7 | 44.9           83.3           87.3           22.2           53.3           77.3           46.3           23.9           30.7           80.8           85.0           71.5           73.8           59.9           42.4           61.1           55.9           77.7           68.2 | 49.7           84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5           57.4           77.1           68.9                |

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(Item Analysis: % of content answered correctly)

#### NLESD - Western Region

School #: 023 Sacred Heart AG, Conche Grades: 1,3,5-7,9-12

| Outcome(s)<br>Cognitive Level | Outcome Description  | School<br>[N=1]         | <b>Region</b><br>[N=822] | <b>Province</b><br>[N=4,875] |
|-------------------------------|--|-------------------------|--------------------------|------------------------------|
| Number Concepts               |  |                         |                          |                              |
| 6N1 (L1)                      | Identify the value of a digit in a given number  |                         | 65.8                     | 68.2                         |
| 6N1 (L2)                      | Demonstrate an understanding of place value through base ten representations   | School data             | 42.7                     | 38.1                         |
| 6N5 (L1)                      | Write and interpret ratios comparing part-to-whole   | with 5 or               | 56.9                     | 59.7                         |
| 6N5 (L2)                      | Demonstrate an understanding of equivalent ratios  | fewer                   | 45.0                     | 48.4                         |
| 6N6 (L1)                      | Demonstrate an understanding of percent as ratio   | students                | 47.2                     | 50.0                         |
| 6N6 (L3)                      | Demonstrate an understanding of percent as ratio   | withheld for reasons of | 83.4                     | 84.1                         |
| 6N3 (L2)                      | Distinguish between prime and composite numbers  | confidentiality         | 53.9                     | 54.8                         |
| 6N3 (L2)                      | Determine factors of a given number  |                         | 68.9                     | 66.3                         |
| 6N4 (L1)                      | Place an improper fraction on a number line  |                         | 33.3                     | 38.2                         |
| 6N7 (L3)                      | Select integer that best fits description  |                         | 67.2                     | 71.9                         |
| Number Operations             |  |                         |                          |                              |
| 6N8 (L2)                      | Compute products of whole numbers and decimals   |                         | 81.0                     | 83.1                         |
| 6N2, 6N8 (L2)                 | Compute quotients of whole numbers and decimals  |                         | 62.3                     | 64.5                         |
| 6N8 (L3)                      | Place decimal in correct position in a product of whole numbers and decimals   |                         | 82.4                     | 83.8                         |
| 6N2, 6N8 (L2)                 | Solve a problem that involves division of decimals   |                         | 70.2                     | 71.0                         |
| 6N2, 6N8 (L2)                 | Solve a problem that involves multiplication of decimals   |                         | 60.9                     | 64.1                         |
| 6N2 (L2)                      | Estimate the solution to a subtraction problem   |                         | 50.3                     | 53.4                         |
| 6N2 (L3)                      | Determine number expression represented by base ten blocks   |                         | 56.3                     | 56.7                         |
| 6N9 (L3)                      | Apply the order of operations to solve a problem   |                         | 48.1                     | 50.1                         |
| 6N9 (L2)                      | Apply the order of operations to solve a problem   |                         | 44.9                     | 49.7                         |
| Patterns and Relations        | Identify the value of an unknown term in a table of values   | _                       | 83.3                     | 84.2                         |
| 6PR1 (L2)                     |  |                         |                          | -                            |
| 6PR1 (L3)                     | Identify an error in a given table of values   |                         | 87.3                     | 87.9                         |
| 6PR1, 6PR3 (L2)               | Write a mathematical expression for a situation  |                         | 22.2                     | 24.4                         |
| 6PR3 (L2)                     | Represent a pattern rule using a simple mathematical expression  |                         | 53.3                     | 53.5                         |
| 6PR3 (L2)                     | Extend a pattern that is shown on a line graph   |                         | 77.3                     | 75.9                         |
| 6PR4 (L2)<br>6PR4 (L2)        | Identifying an equivalent equation for a given equation  | _                       | 46.3<br>23.9             | 50.3<br>28.9                 |
| 6PR1, 6PR2 (L2)               | Identifying an equivalent equation for a given model Determine a mathematical expression for a situation and a table of values |                         | 30.7                     | 31.9                         |
| Shape and Space               |  |                         | 00.1                     | 01.0                         |
| 6SS1 (L1)                     | Classify a given angle according to its measure  |                         | 80.8                     | 82.5                         |
| 6SS1 (L1)                     | Estimate the measure of an angle   |                         | 85.0                     | 85.9                         |
| 6SS2 (L2)                     | Demonstrate the sum of interior angles of a triangle is 180°   |                         | 71.5                     | 72.7                         |
| 6SS2 (L2)                     | Demonstrate the sum of interior angles of a quadrilateral is 360°  |                         | 73.8                     | 74.4                         |
| 6SS3 (L2)                     | Find the perimeter and area of a given polygon   | 100.0                   | 59.9                     | 59.2                         |
| 6SS3 (L1)                     | Find the volume of a given rectangular prism   | 100.0                   | 42.4                     | 43.1                         |
| 6SS4 (L1)                     | Identify a given triangle according to its angle measures  | 100.0                   | 61.1                     | 63.5                         |
| 6SS5 (L2)                     | Sort a given set of polygons according to given attributes   | 100.0                   | 55.9                     | 57.4                         |
| 6SS4, 6SS5 (L1)               | Identify congruent triangles   | 0.0                     | 77.7                     | 77.1                         |
| 6SS8 (L1)                     | Identify the coordinates of two given points on a Cartesian plane  | 100.0                   | 68.2                     | 68.9                         |
| 6SS6 (L1)                     | Describe the combined transformations performed on a 2-D shape   | 0.0                     | 74.2                     | 74.4                         |
| 6SS9 (L1)                     | Describe the single transformation performed on a 2-D shape  | 100.0                   | 79.1                     | 80.4                         |
| 6SS7 (L2)                     | Identify the successive transformations performed to create a design   | 0.0                     | 66.7                     | 66.2                         |
|                               |  | 0.0                     |                          | 00.2                         |

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# Elementary Mathematics Provincial Assessment, June 2014 School Report - Multiple Choice Items

(Item Analysis: % of content answered correctly)

NLESD - Western Region

| School #: 026 | H.G. Fillier Academy, Englee |
|---------------|------------------------------|
| Grades: K-9   |                              |

| Outcome(s)<br>Cognitive Level  | Outcome Description  | School<br>[N=3]                            | <b>Region</b><br>[N=822]   | <b>Province</b><br>[N=4,875]   |
|--|--|--|--|--|
| Number Concepts  |  |  |  |  |
| 6N1 (L1)   | Identify the value of a digit in a given number  |  | 65.8   | 68.2   |
| 6N1 (L2)   | Demonstrate an understanding of place value through base ten representations   | School data                                | 42.7   | 38.1   |
| 6N5 (L1)   | Write and interpret ratios comparing part-to-whole   | with 5 or                                  | 56.9   | 59.7   |
| 6N5 (L2)   | Demonstrate an understanding of equivalent ratios  | fewer                                      | 45.0   | 48.4   |
| 6N6 (L1)   | Demonstrate an understanding of percent as ratio   | students                                   | 47.2   | 50.0   |
| 6N6 (L3)   | Demonstrate an understanding of percent as ratio   | withheld for                               | 83.4   | 84.1   |
| 6N3 (L2)   | Distinguish between prime and composite numbers  | reasons of confidentiality                 | 53.9   | 54.8   |
| 6N3 (L2)   | Determine factors of a given number  | connactinaity .                            | 68.9   | 66.3   |
| 6N4 (L1)   | Place an improper fraction on a number line  |  | 33.3   | 38.2   |
| 6N7 (L3)   | Select integer that best fits description  |  | 67.2   | 71.9   |
| Number Operations  |  |  |  |  |
| 6N8 (L2)   | Compute products of whole numbers and decimals   |  | 81.0   | 83.1   |
| 6N2, 6N8 (L2)  | Compute quotients of whole numbers and decimals  |  | 62.3   | 64.5   |
| 6N8 (L3)   | Place decimal in correct position in a product of whole numbers and decimals   |  | 82.4   | 83.8   |
| 6N2, 6N8 (L2)  | Solve a problem that involves division of decimals   |  | 70.2   | 71.0   |
| 6N2, 6N8 (L2)  | Solve a problem that involves multiplication of decimals   |  | 60.9   | 64.1   |
| 6N2 (L2)   | Estimate the solution to a subtraction problem   |  | 50.3   | 53.4   |
| 6N2 (L3)   | Determine number expression represented by base ten blocks   |  | 56.3   | 56.7   |
| •••= (=•)  |  |  | 48.1   | 50.1   |
| 6N9 (L3)   | Apply the order of operations to solve a problem   |  |  |  |
| 6N9 (L3)<br>6N9 (L2)   | Apply the order of operations to solve a problem<br>Apply the order of operations to solve a problem   |  | 44.9   | 49.7   |
| 6N9 (L2) Patterns and Relations  | Apply the order of operations to solve a problem   | _  | 44.9   | 49.7   |
| 6N9 (L2)<br><u>Patterns and Relations</u><br>6PR1 (L2)   | Apply the order of operations to solve a problem<br>Identify the value of an unknown term in a table of values   |  | 44.9<br>83.3   | 49.7<br>84.2   |
| 6N9 (L2)<br><u>Patterns and Relations</u><br>6PR1 (L2)<br>6PR1 (L3)  | Apply the order of operations to solve a problem<br>Identify the value of an unknown term in a table of values<br>Identify an error in a given table of values   |  | 44.9<br>83.3<br>87.3   | 49.7<br>84.2<br>87.9   |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)  | Apply the order of operations to solve a problem<br>Identify the value of an unknown term in a table of values<br>Identify an error in a given table of values<br>Write a mathematical expression for a situation  |  | 44.9<br>83.3<br>87.3<br>22.2   | 49.7<br>84.2<br>87.9<br>24.4   |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression   |  | 44.9<br>83.3<br>87.3<br>22.2<br>53.3   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5   |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)  | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph  |  | 44.9<br>83.3<br>87.3<br>22.2<br>53.3<br>77.3   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9   |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation  |  | 44.9<br>83.3<br>87.3<br>22.2<br>53.3<br>77.3<br>46.3   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3   |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)  | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model   |  | 44.9<br>83.3<br>87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9   |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation  |  | 44.9<br>83.3<br>87.3<br>22.2<br>53.3<br>77.3<br>46.3   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3   |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model   |  | 44.9<br>83.3<br>87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9   |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>Shape and Space  | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values   |  | 44.9<br>83.3<br>87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9   |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1 (L3)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>Shape and Space<br>6SS1 (L1)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure   |  | 44.9<br>83.3<br>87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5   |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>5Phape and Space<br>6SS1 (L1)<br>6SS1 (L1)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle  |  | 44.9<br>83.3<br>87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9   |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>Shape and Space<br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°   |  | 44.9<br>83.3<br>87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0<br>71.5   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7   |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>Shape and Space<br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS2 (L2)  | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°   |  | 44.9<br>83.3<br>87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>80.8<br>85.0<br>71.5<br>73.8   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4   |
| 6N9 (L2)         Patterns and Relations         6PR1 (L2)         6PR1 (L3)         6PR3 (L2)         6PR3 (L2)         6PR4 (L2)         6PR4 (L2)         6PR1, 6PR2 (L2)         Shape and Space         6SS1 (L1)         6SS2 (L2)         6SS3 (L2)  | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon  | 0.0  | 44.9<br>83.3<br>87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0<br>71.5<br>73.8<br>59.9<br>42.4   | 49.7         84.2         87.9         24.4         53.5         75.9         50.3         28.9         31.9         82.5         85.9         72.7         74.4         59.2         43.1   |
| 6N9 (L2)         Patterns and Relations         6PR1 (L2)         6PR1 (L3)         6PR1 (6PR3 (L2)         6PR3 (L2)         6PR3 (L2)         6PR4 (L2)         6PR4 (L2)         6PR1, 6PR2 (L2)         Shape and Space         6SS1 (L1)         6SS2 (L2)         6SS3 (L1)         6SS4 (L1)  | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism   |  | 44.9<br>83.3<br>87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0<br>71.5<br>73.8<br>59.9   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2   |
| 6N9 (L2)           Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1 (A)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6SS1 (L1)           6SS2 (L2)           6SS3 (L1)           6SS4 (L1)           6SS5 (L2) | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures   | 0.0  | 44.9<br>83.3<br>87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0<br>71.5<br>73.8<br>59.9<br>42.4<br>61.1                                 | 49.7         84.2         87.9         24.4         53.5         75.9         50.3         28.9         31.9         82.5         85.9         72.7         74.4         59.2         43.1         63.5  |
| 6N9 (L2)           Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6SS1 (L1)           6SS2 (L2)           6SS3 (L1)           6SS4 (L1)           6SS4 (6SS5 (L1)        | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures         Sort a given set of polygons according to given attributes         Identify congruent triangles   | 0.0<br>0.0<br>0.0<br>100.0                 | 44.9<br>83.3<br>87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0<br>71.5<br>73.8<br>59.9<br>42.4<br>61.1<br>55.9<br>77.7                 | 49.7           84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5           57.4           77.1                |
| 6N9 (L2)         Patterns and Relations         6PR1 (L2)         6PR1 (L3)         6PR1 (L3)         6PR1 (L2)         6PR3 (L2)         6PR3 (L2)         6PR4 (L2)         6SS1 (L1)         6SS2 (L2)         6SS3 (L1)         6SS4 (SS5 (L1)         6SS8 (L1)                   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Permonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to its angle measures         Sort a given set of polygons according to given attributes         Identify the coordinates of two given points on a Cartesian plane  | 0.0<br>0.0<br>0.0<br>100.0<br>100.0        | 44.9<br>83.3<br>87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0<br>71.5<br>73.8<br>59.9<br>42.4<br>61.1<br>55.9<br>77.7<br>68.2         | 49.7           84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5           57.4           77.1           68.9 |
| 6N9 (L2)         Patterns and Relations         6PR1 (L2)         6PR1 (L3)         6PR1 (6PR3 (L2)         6PR3 (L2)         6PR4 (L2)         6SS1 (L1)         6SS2 (L2)         6SS3 (L1)         6SS4 (SS5 (L1)         6SS8 (L1)         6SS6 (L1)             | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures         Sort a given set of polygons according to given attributes         Identify the coordinates of two given points on a Cartesian plane         Describe the combined transformations performed on a 2-D shape | 0.0<br>0.0<br>0.0<br>100.0<br>100.0<br>0.0 | 44.9<br>83.3<br>87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0<br>71.5<br>73.8<br>59.9<br>42.4<br>61.1<br>55.9<br>77.7<br>68.2<br>74.2 | 49.7         84.2         87.9         24.4         53.5         75.9         50.3         28.9         31.9         82.5         85.9         72.7         74.4         59.2         43.1         63.5         57.4         77.1         68.9         74.4                        |
| 6N9 (L2)         Patterns and Relations         6PR1 (L2)         6PR1 (L3)         6PR1 (L3)         6PR1 (L2)         6PR3 (L2)         6PR3 (L2)         6PR4 (L2)         6SS1 (L1)         6SS2 (L2)         6SS3 (L1)         6SS4 (SS5 (L1)         6SS8 (L1)                   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Permonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to its angle measures         Sort a given set of polygons according to given attributes         Identify the coordinates of two given points on a Cartesian plane  | 0.0<br>0.0<br>0.0<br>100.0<br>100.0        | 44.9<br>83.3<br>87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0<br>71.5<br>73.8<br>59.9<br>42.4<br>61.1<br>55.9<br>77.7<br>68.2         | 49.7           84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5           57.4           77.1           68.9 |

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Grades: K-12

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## Elementary Mathematics Provincial Assessment, June 2014 School Report - Multiple Choice Items

(Item Analysis: % of content answered correctly)

#### NLESD - Western Region

School #: 027 Canon Richards Memorial Academy, Flower's Cove

| Outcome(s)<br>Cognitive Level             | Outcome Description   | School<br>[N=16] | <b>Region</b><br>[N=822] | <b>Province</b><br>[N=4,875] |
|---|---|------------------|--------------------------|------------------------------|
| Number Concepts                           |   |                  |                          |                              |
| 6N1 (L1)                                  | Identify the value of a digit in a given number   | 43.8             | 65.8                     | 68.2                         |
| 6N1 (L2)                                  | Demonstrate an understanding of place value through base ten representations                              | 37.5             | 42.7                     | 38.1                         |
| 6N5 (L1)                                  | Write and interpret ratios comparing part-to-whole  | 62.5             | 56.9                     | 59.7                         |
| 6N5 (L2)                                  | Demonstrate an understanding of equivalent ratios   | 43.8             | 45.0                     | 48.4                         |
| 6N6 (L1)                                  | Demonstrate an understanding of percent as ratio  | 25.0             | 47.2                     | 50.0                         |
| 6N6 (L3)                                  | Demonstrate an understanding of percent as ratio  | 75.0             | 83.4                     | 84.1                         |
| 6N3 (L2)                                  | Distinguish between prime and composite numbers   | 43.8             | 53.9                     | 54.8                         |
| 6N3 (L2)                                  | Determine factors of a given number   | 50.0             | 68.9                     | 66.3                         |
| 6N4 (L1)                                  | Place an improper fraction on a number line   | 12.5             | 33.3                     | 38.2                         |
| 6N7 (L3)                                  | Select integer that best fits description   | 75.0             | 67.2                     | 71.9                         |
| Number Operations                         |   |                  |                          |                              |
| 6N8 (L2)                                  | Compute products of whole numbers and decimals  | 68.8             | 81.0                     | 83.1                         |
| 6N2, 6N8 (L2)                             | Compute quotients of whole numbers and decimals   | 87.5             | 62.3                     | 64.5                         |
| 6N8 (L3)                                  | Place decimal in correct position in a product of whole numbers and decimals                              | 75.0             | 82.4                     | 83.8                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves division of decimals  | 81.3             | 70.2                     | 71.0                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves multiplication of decimals  | 87.5             | 60.9                     | 64.1                         |
| 6N2 (L2)                                  | Estimate the solution to a subtraction problem  | 50.0             | 50.3                     | 53.4                         |
| 6N2 (L3)                                  | Determine number expression represented by base ten blocks  | 37.5             | 56.3                     | 56.7                         |
| 6N9 (L3)                                  | Apply the order of operations to solve a problem  | 43.8             | 48.1                     | 50.1                         |
| 6N9 (L2)                                  | Apply the order of operations to solve a problem  | 62.5             | 44.9                     | 49.7                         |
| Patterns and Relations                    |   |                  |                          |                              |
| 6PR1 (L2)                                 | Identify the value of an unknown term in a table of values  | 81.3             | 83.3                     | 84.2                         |
| 6PR1 (L3)                                 | Identify an error in a given table of values  | 87.5             | 87.3                     | 87.9                         |
| 6PR1, 6PR3 (L2)                           | Write a mathematical expression for a situation   | 12.5             | 22.2                     | 24.4                         |
| 6PR3 (L2)                                 | Represent a pattern rule using a simple mathematical expression   | 31.3             | 53.3                     | 53.5                         |
| 6PR3 (L2)                                 | Extend a pattern that is shown on a line graph  | 62.5             | 77.3                     | 75.9                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given equation   | 25.0             | 46.3                     | 50.3                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given model  | 25.0             | 23.9                     | 28.9                         |
| 6PR1, 6PR2 (L2)<br><u>Shape and Space</u> | Determine a mathematical expression for a situation and a table of values                                 | 18.8             | 30.7                     | 31.9                         |
|   |   | 07.5             | 00.0                     | 00.5                         |
| 6SS1 (L1)<br>6SS1 (L1)                    | Classify a given angle according to its measure   | 87.5             | 80.8                     | 82.5                         |
|   | Estimate the measure of an angle  | 93.8             | 85.0                     | 85.9                         |
| 6SS2 (L2)<br>6SS2 (L2)                    | Demonstrate the sum of interior angles of a triangle is 180°  | 81.3             | 71.5                     | 72.7                         |
| 6SS2 (L2)<br>6SS3 (L2)                    | Demonstrate the sum of interior angles of a quadrilateral is 360°   | 87.5             | 73.8                     | 74.4                         |
|   | Find the perimeter and area of a given polygon  | 43.8             | 59.9                     | 59.2                         |
| 6SS3 (L1)                                 | Find the volume of a given rectangular prism<br>Identify a given triangle according to its angle measures | 37.5             | 42.4                     | 43.1                         |
| 6SS4 (L1)                                 | Sort a given set of polygons according to given attributes  | 75.0             | 61.1                     | 63.5                         |
| 6SS5 (L2)                                 |   | 31.3             | 55.9                     | 57.4                         |
| 6SS4, 6SS5 (L1)                           | Identify congruent triangles  | 75.0             | 77.7                     | 77.1                         |
| 6SS8 (L1)                                 | Identify the coordinates of two given points on a Cartesian plane   | 81.3             | 68.2                     | 68.9                         |
| 6SS6 (L1)                                 | Describe the combined transformations performed on a 2-D shape  | 81.3             | 74.2                     | 74.4                         |
| 6SS9 (L1)                                 | Describe the single transformation performed on a 2-D shape   | 75.0             | 79.1                     | 80.4                         |
| 6SS7 (L2)                                 | Identify the successive transformations performed to create a design                                      | 56.3             | 66.7                     | 66.2                         |

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(Item Analysis: % of content answered correctly)

NLESD - Western Region

## School #: 032 Truman Eddison Memorial, Griquet

| Outcome(s)<br>Cognitive Level       | Outcome Description  | School<br>[N=9] | <b>Region</b><br>[N=822] | <b>Province</b><br>[N=4,875] |
|-------------------------------------|--|-----------------|--------------------------|------------------------------|
| Number Concepts                     |  |                 |                          |                              |
| 6N1 (L1)                            | Identify the value of a digit in a given number  | 33.3            | 65.8                     | 68.2                         |
| 6N1 (L2)                            | Demonstrate an understanding of place value through base ten representations                         | 44.4            | 42.7                     | 38.1                         |
| 6N5 (L1)                            | Write and interpret ratios comparing part-to-whole   | 66.7            | 56.9                     | 59.7                         |
| 6N5 (L2)                            | Demonstrate an understanding of equivalent ratios  | 22.2            | 45.0                     | 48.4                         |
| 6N6 (L1)                            | Demonstrate an understanding of percent as ratio   | 33.3            | 47.2                     | 50.0                         |
| 6N6 (L3)                            | Demonstrate an understanding of percent as ratio   | 77.8            | 83.4                     | 84.1                         |
| 6N3 (L2)                            | Distinguish between prime and composite numbers  | 22.2            | 53.9                     | 54.8                         |
| 6N3 (L2)                            | Determine factors of a given number  | 66.7            | 68.9                     | 66.3                         |
| 6N4 (L1)                            | Place an improper fraction on a number line  | 22.2            | 33.3                     | 38.2                         |
| 6N7 (L3)                            | Select integer that best fits description  | 55.6            | 67.2                     | 71.9                         |
| Number Operations                   |  |                 |                          |                              |
| 6N8 (L2)                            | Compute products of whole numbers and decimals   | 50.0            | 91.0                     | 00.4                         |
| 6N2, 6N8 (L2)                       | Compute products of whole numbers and decimals   | 50.0            | 81.0                     | 83.1                         |
|                                     | Place decimal in correct position in a product of whole numbers and decimals                         | 62.5<br>75.0    | 62.3<br>82.4             | 64.5<br>83.8                 |
| 6N8 (L3)<br>6N2, 6N8 (L2)           | Solve a problem that involves division of decimals   | 50.0            | 70.2                     | 71.0                         |
| 6N2, 6N8 (L2)                       | ·  | 37.5            | 60.9                     | 64.1                         |
|                                     | Solve a problem that involves multiplication of decimals   | 37.5            | 50.3                     | 53.4                         |
| 6N2 (L2)                            | Estimate the solution to a subtraction problem   |                 |                          |                              |
| 6N2 (L3)                            | Determine number expression represented by base ten blocks   | 25.0            | 56.3                     | 56.7                         |
| 6N9 (L3)<br>6N9 (L2)                | Apply the order of operations to solve a problem<br>Apply the order of operations to solve a problem | 37.5<br>62.5    | 48.1                     | 50.1<br>49.7                 |
| Patterns and Relations<br>6PR1 (L2) | Identify the value of an unknown term in a table of values   | 37.5            | 83.3                     | 84.2                         |
| 6PR1 (L3)                           | Identify an error in a given table of values   | 87.5            | 87.3                     | 87.9                         |
| 6PR1, 6PR3 (L2)                     | Write a mathematical expression for a situation  | 25.0            | 22.2                     | 24.4                         |
| 6PR3 (L2)                           | Represent a pattern rule using a simple mathematical expression                                      | 37.5            | 53.3                     | 53.5                         |
| 6PR3 (L2)                           | Extend a pattern that is shown on a line graph   | 100.0           | 77.3                     | 75.9                         |
| 6PR4 (L2)                           | Identifying an equivalent equation for a given equation  | 0.0             | 46.3                     | 50.3                         |
| 6PR4 (L2)                           | Identifying an equivalent equation for a given model   | 0.0             | 23.9                     | 28.9                         |
| 6PR1, 6PR2 (L2)<br>Shape and Space  | Determine a mathematical expression for a situation and a table of values                            | 12.5            | 30.7                     | 31.9                         |
| 6SS1 (L1)                           | Classify a given angle according to its measure  | 37.5            | 80.8                     | 82.5                         |
| 6SS1 (L1)                           | Estimate the measure of an angle   | 75.0            | 85.0                     | 85.9                         |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a triangle is 180°   | 62.5            | 71.5                     | 72.7                         |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a quadrilateral is 360°                                    | 87.5            | 73.8                     | 74.4                         |
| 6SS3 (L2)                           | Find the perimeter and area of a given polygon   | 50.0            | 59.9                     | 59.2                         |
| 6SS3 (L1)                           | Find the volume of a given rectangular prism   | 37.5            | 42.4                     | 43.1                         |
| 6SS4 (L1)                           | Identify a given triangle according to its angle measures  | 37.5            | 61.1                     | 63.5                         |
| 6SS5 (L2)                           | Sort a given set of polygons according to given attributes   | 50.0            | 55.9                     | 57.4                         |
| 6SS4, 6SS5 (L1)                     | Identify congruent triangles   | 50.0            | 77.7                     | 77.1                         |
| 6SS8 (L1)                           | Identify the coordinates of two given points on a Cartesian plane                                    | 62.5            | 68.2                     | 68.9                         |
| 6SS6 (L1)                           | Describe the combined transformations performed on a 2-D shape                                       | 87.5            | 74.2                     | 74.4                         |
| 6SS9 (L1)                           | Describe the single transformation performed on a 2-D shape  | 37.5            | 79.1                     | 80.4                         |
| 6SS7 (L2)                           | Identify the successive transformations performed to create a design                                 | 62.5            | 66.7                     | 66.2                         |
|                                     |  | 02.0            | 00.7                     | 00.2                         |

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Source: Division of Evaluation and Research, Department of Education and Early Childhood Development

Mushuau Innu Natuashish and Peenamin McKenzie School are excluded from district and provincial results.



(Item Analysis: % of content answered correctly)

#### NLESD - Western Region

## School #: 039 Mary Simms All-Grade, Main Brook

Grades: K-12

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| Outcome(s)<br>Cognitive Level      | Outcome Description  | School<br>[N=4]         | <b>Region</b><br>[N=822] | <b>Province</b><br>[N=4,875] |
|------------------------------------|--|-------------------------|--------------------------|------------------------------|
| Number Concepts                    |  |                         |                          |                              |
| 6N1 (L1)                           | Identify the value of a digit in a given number                              |                         | 65.8                     | 68.2                         |
| 6N1 (L2)                           | Demonstrate an understanding of place value through base ten representations | School data             | 42.7                     | 38.1                         |
| 6N5 (L1)                           | Write and interpret ratios comparing part-to-whole                           | with 5 or               | 56.9                     | 59.7                         |
| 6N5 (L2)                           | Demonstrate an understanding of equivalent ratios                            | fewer                   | 45.0                     | 48.4                         |
| 6N6 (L1)                           | Demonstrate an understanding of percent as ratio                             | students                | 47.2                     | 50.0                         |
| 6N6 (L3)                           | Demonstrate an understanding of percent as ratio                             | withheld for reasons of | 83.4                     | 84.1                         |
| 6N3 (L2)                           | Distinguish between prime and composite numbers                              | confidentiality         | 53.9                     | 54.8                         |
| 6N3 (L2)                           | Determine factors of a given number  |                         | 68.9                     | 66.3                         |
| 6N4 (L1)                           | Place an improper fraction on a number line                                  |                         | 33.3                     | 38.2                         |
| 6N7 (L3)                           | Select integer that best fits description                                    |                         | 67.2                     | 71.9                         |
| Number Operations                  |  |                         |                          |                              |
| 6N8 (L2)                           | Compute products of whole numbers and decimals                               |                         | 81.0                     | 83.1                         |
| 6N2, 6N8 (L2)                      | Compute quotients of whole numbers and decimals                              |                         | 62.3                     | 64.5                         |
| 6N8 (L3)                           | Place decimal in correct position in a product of whole numbers and decimals |                         | 82.4                     | 83.8                         |
| 6N2, 6N8 (L2)                      | Solve a problem that involves division of decimals                           |                         | 70.2                     | 71.0                         |
| 6N2, 6N8 (L2)                      | Solve a problem that involves multiplication of decimals                     |                         | 60.9                     | 64.1                         |
| 6N2 (L2)                           | Estimate the solution to a subtraction problem                               |                         | 50.3                     | 53.4                         |
| 6N2 (L3)                           | Determine number expression represented by base ten blocks                   |                         | 56.3                     | 56.7                         |
| 6N9 (L3)                           | Apply the order of operations to solve a problem                             |                         | 48.1                     | 50.1                         |
| 6N9 (L2)                           | Apply the order of operations to solve a problem                             |                         | 44.9                     | 49.7                         |
| Patterns and Relations             | Identify the value of an unknown term in a table of values                   |                         | 00.0                     | 04.0                         |
| 6PR1 (L2)                          | Identify the value of an unknown term in a table of values                   |                         | 83.3                     | 84.2                         |
| 6PR1 (L3)                          | Identify an error in a given table of values                                 |                         | 87.3                     | 87.9                         |
| 6PR1, 6PR3 (L2)                    | Write a mathematical expression for a situation                              |                         | 22.2                     | 24.4                         |
| 6PR3 (L2)                          | Represent a pattern rule using a simple mathematical expression              |                         | 53.3                     | 53.5                         |
| 6PR3 (L2)                          | Extend a pattern that is shown on a line graph                               |                         | 77.3                     | 75.9                         |
| 6PR4 (L2)                          | Identifying an equivalent equation for a given equation                      |                         | 46.3                     | 50.3                         |
| 6PR4 (L2)                          | Identifying an equivalent equation for a given model                         |                         | 23.9                     | 28.9                         |
| 6PR1, 6PR2 (L2)<br>Shape and Space | Determine a mathematical expression for a situation and a table of values    |                         | 30.7                     | 31.9                         |
| 6SS1 (L1)                          | Classify a given angle according to its measure                              |                         | 80.8                     | 82.5                         |
| 6SS1 (L1)                          | Estimate the measure of an angle   |                         | 85.0                     | 85.9                         |
| 6SS2 (L2)                          | Demonstrate the sum of interior angles of a triangle is 180°                 |                         | 71.5                     | 72.7                         |
| 6SS2 (L2)                          | Demonstrate the sum of interior angles of a quadrilateral is 360°            |                         | 73.8                     | 74.4                         |
| 6SS3 (L2)                          | Find the perimeter and area of a given polygon                               | 25.0                    | 59.9                     | 59.2                         |
| 6SS3 (L1)                          | Find the volume of a given rectangular prism                                 | 25.0                    | 42.4                     | 43.1                         |
| 6SS4 (L1)                          | Identify a given triangle according to its angle measures                    | 75.0                    | 61.1                     | 63.5                         |
| 6SS5 (L2)                          | Sort a given set of polygons according to given attributes                   | 25.0                    | 55.9                     | 57.4                         |
| 6SS4, 6SS5 (L1)                    | Identify congruent triangles   | 25.0                    | 77.7                     | 77.1                         |
| 6SS8 (L1)                          | Identify the coordinates of two given points on a Cartesian plane            | 25.0                    | 68.2                     | 68.9                         |
| 6SS6 (L1)                          | Describe the combined transformations performed on a 2-D shape               | 50.0                    | 74.2                     | 74.4                         |
| 6SS9 (L1)                          | Describe the single transformation performed on a 2-D shape                  |                         |                          |                              |
|                                    |  | 100.0                   | 79.1                     | 80.4                         |
| 6SS7 (L2)                          | Identify the successive transformations performed to create a design         | 50.0                    | 66.7                     | 66.2                         |

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L1 - Knowledge / Comprehension; L2 - Application; L3 - Analysis



(Item Analysis: % of content answered correctly)

NLESD - Western Region

| School #: 040 | St. Mary's AG, Mary's Harbour |
|---------------|-------------------------------|
| Grades: K-12  |                               |

| Outcome(s)<br>Cognitive Level             | Outcome Description  | School<br>[N=4]         | <b>Region</b><br>[N=822] | <b>Province</b><br>[N=4,875] |
|---|--|-------------------------|--------------------------|------------------------------|
| Number Concepts                           |  |                         |                          |                              |
| 6N1 (L1)                                  | Identify the value of a digit in a given number                              |                         | 65.8                     | 68.2                         |
| 6N1 (L2)                                  | Demonstrate an understanding of place value through base ten representations | School data             | 42.7                     | 38.1                         |
| 6N5 (L1)                                  | Write and interpret ratios comparing part-to-whole                           | with 5 or               | 56.9                     | 59.7                         |
| 6N5 (L2)                                  | Demonstrate an understanding of equivalent ratios                            | fewer                   | 45.0                     | 48.4                         |
| 6N6 (L1)                                  | Demonstrate an understanding of percent as ratio                             | students                | 47.2                     | 50.0                         |
| 6N6 (L3)                                  | Demonstrate an understanding of percent as ratio                             | withheld for reasons of | 83.4                     | 84.1                         |
| 6N3 (L2)                                  | Distinguish between prime and composite numbers                              | confidentiality         | 53.9                     | 54.8                         |
| 6N3 (L2)                                  | Determine factors of a given number  |                         | 68.9                     | 66.3                         |
| 6N4 (L1)                                  | Place an improper fraction on a number line                                  |                         | 33.3                     | 38.2                         |
| 6N7 (L3)                                  | Select integer that best fits description                                    |                         | 67.2                     | 71.9                         |
| Number Operations                         |  |                         |                          |                              |
| 6N8 (L2)                                  | Compute products of whole numbers and decimals                               |                         | 81.0                     | 83.1                         |
| 6N2, 6N8 (L2)                             | Compute quotients of whole numbers and decimals                              |                         | 62.3                     | 64.5                         |
| 6N8 (L3)                                  | Place decimal in correct position in a product of whole numbers and decimals |                         | 82.4                     | 83.8                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves division of decimals                           |                         | 70.2                     | 71.0                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves multiplication of decimals                     |                         | 60.9                     | 64.1                         |
| 6N2 (L2)                                  | Estimate the solution to a subtraction problem                               |                         | 50.3                     | 53.4                         |
| 6N2 (L3)                                  | Determine number expression represented by base ten blocks                   |                         | 56.3                     | 56.7                         |
| 6N9 (L3)                                  | Apply the order of operations to solve a problem                             |                         | 48.1                     | 50.1                         |
| 6N9 (L2)                                  | Apply the order of operations to solve a problem                             |                         | 44.9                     | 49.7                         |
| Patterns and Relations                    | Identify the value of an unknown term in a table of values                   |                         | 02.2                     | 84.0                         |
| 6PR1 (L2)                                 | Identify the value of an unknown term in a table of values                   |                         | 83.3                     | 84.2                         |
| 6PR1 (L3)                                 | Identify an error in a given table of values                                 | _                       | 87.3                     | 87.9                         |
| 6PR1, 6PR3 (L2)                           | Write a mathematical expression for a situation                              |                         | 22.2                     | 24.4                         |
| 6PR3 (L2)                                 | Represent a pattern rule using a simple mathematical expression              |                         | 53.3                     | 53.5                         |
| 6PR3 (L2)                                 | Extend a pattern that is shown on a line graph                               |                         | 77.3                     | 75.9                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given equation                      | _                       | 46.3                     | 50.3                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given model                         |                         | 23.9                     | 28.9<br>31.9                 |
| 6PR1, 6PR2 (L2)<br><u>Shape and Space</u> | Determine a mathematical expression for a situation and a table of values    |                         | 30.7                     | 51.9                         |
| 6SS1 (L1)                                 | Classify a given angle according to its measure                              |                         | 80.8                     | 82.5                         |
| 6SS1 (L1)                                 | Estimate the measure of an angle   |                         | 85.0                     | 85.9                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a triangle is 180°                 |                         | 71.5                     | 72.7                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a quadrilateral is 360°            |                         | 73.8                     | 74.4                         |
| 6SS3 (L2)                                 | Find the perimeter and area of a given polygon                               | 100.0                   | 59.9                     | 59.2                         |
| 6SS3 (L1)                                 | Find the volume of a given rectangular prism                                 | 66.7                    | 42.4                     | 43.1                         |
| 6SS4 (L1)                                 | Identify a given triangle according to its angle measures                    | 66.7                    | 61.1                     | 63.5                         |
| 6SS5 (L2)                                 | Sort a given set of polygons according to given attributes                   | 66.7                    | 55.9                     | 57.4                         |
|   | Identify congruent triangles   | 66.7                    | 77.7                     | 77.1                         |
| 6SS4, 6SS5 (L1)<br>6SS8 (L1)              | Identify the coordinates of two given points on a Cartesian plane            | 66.7                    | 68.2                     | 68.9                         |
| 6SS6 (L1)                                 | Describe the combined transformations performed on a 2-D shape               | 100.0                   | 74.2                     | 74.4                         |
| 6SS9 (L1)                                 | Describe the single transformation performed on a 2-D shape                  |                         |                          |                              |
| 6SS7 (L2)                                 | Identify the successive transformations performed to create a design         | 100.0<br>66.7           | 79.1<br>66.7             | 80.4<br>66.2                 |
|   | · · · · ·  | 00.7                    | 00.1                     | 00.2                         |

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# Elementary Mathematics Provincial Assessment, June 2014 School Report - Multiple Choice Items

(Item Analysis: % of content answered correctly)

#### NLESD - Western Region

School #: 046 Bayside Academy, Port Hope Simpson Grades: K-12

| Cognitive Level                           | Outcome Description  | School<br>[N=4]         | <b>Region</b><br>[N=822] | <b>Province</b><br>[N=4,875] |
|---|--|-------------------------|--------------------------|------------------------------|
| Number Concepts                           |  |                         |                          |                              |
| 6N1 (L1)                                  | Identify the value of a digit in a given number                              |                         | 65.8                     | 68.2                         |
| 6N1 (L2)                                  | Demonstrate an understanding of place value through base ten representations | School data             | 42.7                     | 38.1                         |
| 6N5 (L1)                                  | Write and interpret ratios comparing part-to-whole                           | with 5 or               | 56.9                     | 59.7                         |
| 6N5 (L2)                                  | Demonstrate an understanding of equivalent ratios                            | fewer                   | 45.0                     | 48.4                         |
| 6N6 (L1)                                  | Demonstrate an understanding of percent as ratio                             | students                | 47.2                     | 50.0                         |
| 6N6 (L3)                                  | Demonstrate an understanding of percent as ratio                             | withheld for reasons of | 83.4                     | 84.1                         |
| 6N3 (L2)                                  | Distinguish between prime and composite numbers                              | confidentiality         | 53.9                     | 54.8                         |
| 6N3 (L2)                                  | Determine factors of a given number  |                         | 68.9                     | 66.3                         |
| 6N4 (L1)                                  | Place an improper fraction on a number line                                  |                         | 33.3                     | 38.2                         |
| 6N7 (L3)                                  | Select integer that best fits description                                    |                         | 67.2                     | 71.9                         |
| Number Operations                         |  |                         |                          |                              |
| 6N8 (L2)                                  | Compute products of whole numbers and decimals                               |                         | 81.0                     | 83.1                         |
| 6N2, 6N8 (L2)                             | Compute quotients of whole numbers and decimals                              |                         | 62.3                     | 64.5                         |
| 6N8 (L3)                                  | Place decimal in correct position in a product of whole numbers and decimals |                         | 82.4                     | 83.8                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves division of decimals                           |                         | 70.2                     | 71.0                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves multiplication of decimals                     |                         | 60.9                     | 64.1                         |
| 6N2 (L2)                                  | Estimate the solution to a subtraction problem                               |                         | 50.3                     | 53.4                         |
| 6N2 (L3)                                  | Determine number expression represented by base ten blocks                   |                         | 56.3                     | 56.7                         |
| 6N9 (L3)                                  | Apply the order of operations to solve a problem                             |                         | 48.1                     | 50.1                         |
| 6N9 (L2)                                  | Apply the order of operations to solve a problem                             |                         | 44.9                     | 49.7                         |
| Patterns and Relations                    |  |                         |                          |                              |
| 6PR1 (L2)                                 | Identify the value of an unknown term in a table of values                   |                         | 83.3                     | 84.2                         |
| 6PR1 (L3)                                 | Identify an error in a given table of values                                 |                         | 87.3                     | 87.9                         |
| 6PR1, 6PR3 (L2)                           | Write a mathematical expression for a situation                              |                         | 22.2                     | 24.4                         |
| 6PR3 (L2)                                 | Represent a pattern rule using a simple mathematical expression              |                         | 53.3                     | 53.5                         |
| 6PR3 (L2)                                 | Extend a pattern that is shown on a line graph                               |                         | 77.3                     | 75.9                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given equation                      |                         | 46.3                     | 50.3                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given model                         |                         | 23.9                     | 28.9                         |
| 6PR1, 6PR2 (L2)<br><u>Shape and Space</u> | Determine a mathematical expression for a situation and a table of values    |                         | 30.7                     | 31.9                         |
| 6SS1 (L1)                                 | Classify a given angle according to its measure                              |                         | 80.8                     | 82.5                         |
| 6SS1 (L1)                                 | Estimate the measure of an angle   |                         | 85.0                     | 85.9                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a triangle is 180°                 |                         | 71.5                     | 72.7                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a quadrilateral is 360°            |                         | 73.8                     | 74.4                         |
| 6SS3 (L2)                                 | Find the perimeter and area of a given polygon                               | 100.0                   | 59.9                     | 59.2                         |
| 6SS3 (L1)                                 | Find the volume of a given rectangular prism                                 | 50.0                    | 42.4                     | 43.1                         |
| 6SS4 (L1)                                 | Identify a given triangle according to its angle measures                    | 50.0                    | 61.1                     | 63.5                         |
| 6SS5 (L2)                                 | Sort a given set of polygons according to given attributes                   | 25.0                    | 55.9                     | 57.4                         |
| 6SS4, 6SS5 (L1)                           | Identify congruent triangles   | 75.0                    | 77.7                     | 77.1                         |
| 6SS8 (L1)                                 | Identify the coordinates of two given points on a Cartesian plane            | 75.0                    | 68.2                     | 68.9                         |
| 6SS6 (L1)                                 | Describe the combined transformations performed on a 2-D shape               | 75.0                    | 74.2                     | 74.4                         |
| 6SS9 (L1)                                 | Describe the single transformation performed on a 2-D shape                  | 50.0                    | 79.1                     | 80.4                         |
| 6SS7 (L2)                                 | Identify the successive transformations performed to create a design         | 75.0                    | 66.7                     | 66.2                         |
|   | · · · · · ·  | 13.0                    | 00.7                     | 00.2                         |

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(Item Analysis: % of content answered correctly)

#### NLESD - Western Region

School #: 050 Basque Memorial, Red Bay Grades: 1,3,6-7,9-12

| Outcome(s)<br>Cognitive Level       | Outcome Description  | School<br>[N=2]       | <b>Region</b><br>[N=822] | <b>Province</b><br>[N=4,875] |
|-------------------------------------|--|-----------------------|--------------------------|------------------------------|
| Number Concepts                     |  |                       |                          |                              |
| 6N1 (L1)                            | Identify the value of a digit in a given number                              |                       | 65.8                     | 68.2                         |
| 6N1 (L2)                            | Demonstrate an understanding of place value through base ten representations | School data           | 42.7                     | 38.1                         |
| 6N5 (L1)                            | Write and interpret ratios comparing part-to-whole                           | with 5 or             | 56.9                     | 59.7                         |
| 6N5 (L2)                            | Demonstrate an understanding of equivalent ratios                            | fewer                 | 45.0                     | 48.4                         |
| 6N6 (L1)                            | Demonstrate an understanding of percent as ratio                             | students withheld for | 47.2                     | 50.0                         |
| 6N6 (L3)                            | Demonstrate an understanding of percent as ratio                             | reasons of            | 83.4                     | 84.1                         |
| 6N3 (L2)                            | Distinguish between prime and composite numbers                              | confidentiality       | 53.9                     | 54.8                         |
| 6N3 (L2)                            | Determine factors of a given number  |                       | 68.9                     | 66.3                         |
| 6N4 (L1)                            | Place an improper fraction on a number line                                  |                       | 33.3                     | 38.2                         |
| 6N7 (L3)                            | Select integer that best fits description                                    |                       | 67.2                     | 71.9                         |
| Number Operations                   |  |                       |                          |                              |
| 6N8 (L2)                            | Compute products of whole numbers and decimals                               |                       | 81.0                     | 83.1                         |
| 6N2, 6N8 (L2)                       | Compute quotients of whole numbers and decimals                              |                       | 62.3                     | 64.5                         |
| 6N8 (L3)                            | Place decimal in correct position in a product of whole numbers and decimals |                       | 82.4                     | 83.8                         |
| 6N2, 6N8 (L2)                       | Solve a problem that involves division of decimals                           |                       | 70.2                     | 71.0                         |
| 6N2, 6N8 (L2)                       | Solve a problem that involves multiplication of decimals                     |                       | 60.9                     | 64.1                         |
| 6N2 (L2)                            | Estimate the solution to a subtraction problem                               |                       | 50.3                     | 53.4                         |
| 6N2 (L3)                            | Determine number expression represented by base ten blocks                   |                       | 56.3                     | 56.7                         |
| 6N9 (L3)                            | Apply the order of operations to solve a problem                             |                       | 48.1                     | 50.1                         |
| 6N9 (L2)                            | Apply the order of operations to solve a problem                             |                       | 44.9                     | 49.7                         |
| Patterns and Relations<br>6PR1 (L2) | Identify the value of an unknown term in a table of values                   |                       | 83.3                     | 84.2                         |
| 6PR1 (L3)                           | Identify an error in a given table of values                                 |                       | 87.3                     | 87.9                         |
| 6PR1, 6PR3 (L2)                     | Write a mathematical expression for a situation                              |                       | 22.2                     | 24.4                         |
| 6PR3 (L2)                           | Represent a pattern rule using a simple mathematical expression              |                       | 53.3                     | 53.5                         |
| 6PR3 (L2)                           | Extend a pattern that is shown on a line graph                               |                       | 77.3                     | 75.9                         |
| 6PR4 (L2)                           | Identifying an equivalent equation for a given equation                      |                       | 46.3                     | 50.3                         |
| 6PR4 (L2)                           | Identifying an equivalent equation for a given equation                      |                       | 23.9                     | 28.9                         |
| 6PR1, 6PR2 (L2)                     | Determine a mathematical expression for a situation and a table of values    |                       | 30.7                     | 31.9                         |
| Shape and Space                     |  |                       |                          |                              |
| 6SS1 (L1)                           | Classify a given angle according to its measure                              |                       | 80.8                     | 82.5                         |
| 6SS1 (L1)                           | Estimate the measure of an angle   |                       | 85.0                     | 85.9                         |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a triangle is 180°                 |                       | 71.5                     | 72.7                         |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a quadrilateral is 360°            |                       | 73.8                     | 74.4                         |
| 6SS3 (L2)                           | Find the perimeter and area of a given polygon                               | 100.0                 | 59.9                     | 59.2                         |
| 6SS3 (L1)                           | Find the volume of a given rectangular prism                                 | 100.0                 | 42.4                     | 43.1                         |
| 6SS4 (L1)                           | Identify a given triangle according to its angle measures                    | 100.0                 | 61.1                     | 63.5                         |
| 6SS5 (L2)                           | Sort a given set of polygons according to given attributes                   | 100.0                 | 55.9                     | 57.4                         |
| 6SS4, 6SS5 (L1)                     | Identify congruent triangles   | 100.0                 | 77.7                     | 77.1                         |
| 6SS8 (L1)                           | Identify the coordinates of two given points on a Cartesian plane            | 100.0                 | 68.2                     | 68.9                         |
| 6SS6 (L1)                           | Describe the combined transformations performed on a 2-D shape               | 50.0                  | 74.2                     | 74.4                         |
| 6SS9 (L1)                           | Describe the single transformation performed on a 2-D shape                  |                       |                          |                              |
|                                     |  | 50.0                  | 79.1                     | 80.4                         |
| 6SS7 (L2)                           | Identify the successive transformations performed to create a design         | 0.0                   | 66.7                     | 66.2                         |

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# Elementary Mathematics Provincial Assessment, June 2014 School Report - Multiple Choice Items

(Item Analysis: % of content answered correctly)

NLESD - Western Region

School #: 054 St. Lewis Academy, St. Lewis Grades: 1-12

| Outcome(s)<br>Cognitive Level       | Outcome Description   | School<br>[N=2]         | <b>Region</b><br>[N=822] | <b>Province</b><br>[N=4,875] |
|-------------------------------------|---|-------------------------|--------------------------|------------------------------|
| Number Concepts                     |   |                         |                          |                              |
| 6N1 (L1)                            | Identify the value of a digit in a given number   |                         | 65.8                     | 68.2                         |
| 6N1 (L2)                            | Demonstrate an understanding of place value through base ten representations                              | School data             | 42.7                     | 38.1                         |
| 6N5 (L1)                            | Write and interpret ratios comparing part-to-whole  | with 5 or               | 56.9                     | 59.7                         |
| 6N5 (L2)                            | Demonstrate an understanding of equivalent ratios   | fewer                   | 45.0                     | 48.4                         |
| 6N6 (L1)                            | Demonstrate an understanding of percent as ratio  | students                | 47.2                     | 50.0                         |
| 6N6 (L3)                            | Demonstrate an understanding of percent as ratio  | withheld for reasons of | 83.4                     | 84.1                         |
| 6N3 (L2)                            | Distinguish between prime and composite numbers   | confidentiality         | 53.9                     | 54.8                         |
| 6N3 (L2)                            | Determine factors of a given number   |                         | 68.9                     | 66.3                         |
| 6N4 (L1)                            | Place an improper fraction on a number line   |                         | 33.3                     | 38.2                         |
| 6N7 (L3)                            | Select integer that best fits description   |                         | 67.2                     | 71.9                         |
| Number Operations                   |   |                         |                          |                              |
| 6N8 (L2)                            | Compute products of whole numbers and decimals  |                         | 81.0                     | 83.1                         |
| 6N2, 6N8 (L2)                       | Compute quotients of whole numbers and decimals   |                         | 62.3                     | 64.5                         |
| 6N8 (L3)                            | Place decimal in correct position in a product of whole numbers and decimals                              |                         | 82.4                     | 83.8                         |
| 6N2, 6N8 (L2)                       | Solve a problem that involves division of decimals  |                         | 70.2                     | 71.0                         |
| 6N2, 6N8 (L2)                       | Solve a problem that involves multiplication of decimals  |                         | 60.9                     | 64.1                         |
| 6N2 (L2)                            | Estimate the solution to a subtraction problem  |                         | 50.3                     | 53.4                         |
| 6N2 (L3)                            | Determine number expression represented by base ten blocks  |                         | 56.3                     | 56.7                         |
| 6N9 (L3)                            | Apply the order of operations to solve a problem  |                         | 48.1                     | 50.1                         |
| 6N9 (L2)                            | Apply the order of operations to solve a problem  |                         | 44.9                     | 49.7                         |
| Patterns and Relations<br>6PR1 (L2) | Identify the value of an unknown term in a table of values  | _                       | 83.3                     | 84.2                         |
| 6PR1 (L3)                           | Identify an error in a given table of values  |                         | 87.3                     | 87.9                         |
| . ,                                 |   | _                       |                          |                              |
| 6PR1, 6PR3 (L2)                     | Write a mathematical expression for a situation   |                         | 22.2                     | 24.4                         |
| 6PR3 (L2)                           | Represent a pattern rule using a simple mathematical expression   |                         | 53.3<br>77.3             | 53.5<br>75.9                 |
| 6PR3 (L2)<br>6PR4 (L2)              | Extend a pattern that is shown on a line graph<br>Identifying an equivalent equation for a given equation |                         | 46.3                     | 50.3                         |
| 6PR4 (L2)                           | Identifying an equivalent equation for a given equation   |                         | 23.9                     | 28.9                         |
| 6PR1, 6PR2 (L2)                     | Determine a mathematical expression for a situation and a table of values                                 |                         | 30.7                     | 31.9                         |
| Shape and Space                     |   |                         |                          |                              |
| 6SS1 (L1)                           | Classify a given angle according to its measure   |                         | 80.8                     | 82.5                         |
| 6SS1 (L1)                           | Estimate the measure of an angle  |                         | 85.0                     | 85.9                         |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a triangle is 180°  |                         | 71.5                     | 72.7                         |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a quadrilateral is 360°   |                         | 73.8                     | 74.4                         |
| 6SS3 (L2)                           | Find the perimeter and area of a given polygon  | 100.0                   | 59.9                     | 59.2                         |
| 6SS3 (L1)                           | Find the volume of a given rectangular prism  | 50.0                    | 42.4                     | 43.1                         |
| 6SS4 (L1)                           | Identify a given triangle according to its angle measures   | 50.0                    | 61.1                     | 63.5                         |
| 6SS5 (L2)                           | Sort a given set of polygons according to given attributes  | 100.0                   | 55.9                     | 57.4                         |
| 6SS4, 6SS5 (L1)                     | Identify congruent triangles  | 100.0                   | 77.7                     | 77.1                         |
| 6SS8 (L1)                           | Identify the coordinates of two given points on a Cartesian plane   | 100.0                   | 68.2                     | 68.9                         |
| 6SS6 (L1)                           | Describe the combined transformations performed on a 2-D shape  | 100.0                   | 74.2                     | 74.4                         |
| 6SS9 (L1)                           | Describe the single transformation performed on a 2-D shape   | 100.0                   | 79.1                     | 80.4                         |
|                                     |   |                         |                          |                              |
| 6SS7 (L2)                           | Identify the successive transformations performed to create a design                                      | 100.0                   | 66.7                     | 66.2                         |
|                                     |   |                         |                          |                              |

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Grades: K-9

## Elementary Mathematics Provincial Assessment, June 2014 School Report - Multiple Choice Items

(Item Analysis: % of content answered correctly)

NLESD - Western Region

School #: 057 St. Peter's Academy, Benoit's Cove

| Outcome(s)<br>Cognitive Level | Outcome Description  | School<br>[N=23] | <b>Region</b><br>[N=822] | <b>Province</b><br>[N=4,875] |
|-------------------------------|--|------------------|--------------------------|------------------------------|
| Number Concepts               |  |                  |                          |                              |
| 6N1 (L1)                      | Identify the value of a digit in a given number                              | 87.0             | 65.8                     | 68.2                         |
| 6N1 (L2)                      | Demonstrate an understanding of place value through base ten representations | 60.9             | 42.7                     | 38.1                         |
| 6N5 (L1)                      | Write and interpret ratios comparing part-to-whole                           | 52.2             | 56.9                     | 59.7                         |
| 6N5 (L2)                      | Demonstrate an understanding of equivalent ratios                            | 56.5             | 45.0                     | 48.4                         |
| 6N6 (L1)                      | Demonstrate an understanding of percent as ratio                             | 17.4             | 47.2                     | 50.0                         |
| 6N6 (L3)                      | Demonstrate an understanding of percent as ratio                             | 95.7             | 83.4                     | 84.1                         |
| 6N3 (L2)                      | Distinguish between prime and composite numbers                              | 65.2             | 53.9                     | 54.8                         |
| 6N3 (L2)                      | Determine factors of a given number  | 73.9             | 68.9                     | 66.3                         |
| 6N4 (L1)                      | Place an improper fraction on a number line                                  | 39.1             | 33.3                     | 38.2                         |
| 6N7 (L3)                      | Select integer that best fits description                                    | 65.2             | 67.2                     | 71.9                         |
| Number Operations             |  |                  |                          |                              |
| 6N8 (L2)                      | Compute products of whole numbers and decimals                               | 95.7             | 81.0                     | 83.1                         |
| 6N2, 6N8 (L2)                 | Compute quotients of whole numbers and decimals                              | 78.3             | 62.3                     | 64.5                         |
| 6N8 (L3)                      | Place decimal in correct position in a product of whole numbers and decimals | 87.0             | 82.4                     | 83.8                         |
| 6N2, 6N8 (L2)                 | Solve a problem that involves division of decimals                           | 73.9             | 70.2                     | 71.0                         |
| 6N2, 6N8 (L2)                 | Solve a problem that involves multiplication of decimals                     | 56.5             | 60.9                     | 64.1                         |
| 6N2 (L2)                      | Estimate the solution to a subtraction problem                               | 60.9             | 50.3                     | 53.4                         |
| 6N2 (L3)                      | Determine number expression represented by base ten blocks                   | 52.2             | 56.3                     | 56.7                         |
| 6N9 (L3)                      | Apply the order of operations to solve a problem                             | 69.6             | 48.1                     | 50.1                         |
| 6N9 (L2)                      | Apply the order of operations to solve a problem                             | 52.2             | 44.9                     | 49.7                         |
| Patterns and Relations        | Identify the value of an unknown term in a table of values                   |                  |                          | 84.0                         |
| 6PR1 (L2)                     | Identify the value of an unknown term in a table of values                   | 87.0             | 83.3                     | 84.2                         |
| 6PR1 (L3)                     | Identify an error in a given table of values                                 | 95.7             | 87.3                     | 87.9                         |
| 6PR1, 6PR3 (L2)               | Write a mathematical expression for a situation                              | 4.4              | 22.2                     | 24.4                         |
| 6PR3 (L2)                     | Represent a pattern rule using a simple mathematical expression              | 43.5             | 53.3                     | 53.5                         |
| 6PR3 (L2)                     | Extend a pattern that is shown on a line graph                               | 82.6             | 77.3                     | 75.9                         |
| 6PR4 (L2)                     | Identifying an equivalent equation for a given equation                      | 39.1             | 46.3                     | 50.3                         |
| 6PR4 (L2)<br>6PR1, 6PR2 (L2)  | Identifying an equivalent equation for a given model                         | 34.8<br>8.7      | 23.9<br>30.7             | 28.9<br>31.9                 |
| Shape and Space               | Determine a mathematical expression for a situation and a table of values    | 0.7              | 30.7                     | 51.9                         |
| 6SS1 (L1)                     | Classify a given angle according to its measure                              | 87.0             | 80.8                     | 82.5                         |
| 6SS1 (L1)                     | Estimate the measure of an angle   | 73.9             | 85.0                     | 85.9                         |
| 6SS2 (L2)                     | Demonstrate the sum of interior angles of a triangle is 180°                 | 73.9             | 71.5                     | 72.7                         |
| 6SS2 (L2)                     | Demonstrate the sum of interior angles of a quadrilateral is 360°            | 73.9             | 73.8                     | 74.4                         |
| 6SS3 (L2)                     | Find the perimeter and area of a given polygon                               | 65.2             | 59.9                     | 59.2                         |
| 6SS3 (L1)                     | Find the volume of a given rectangular prism                                 | 43.5             | 42.4                     | 43.1                         |
| 6SS4 (L1)                     | Identify a given triangle according to its angle measures                    | 65.2             | 61.1                     | 63.5                         |
| 6SS5 (L2)                     | Sort a given set of polygons according to given attributes                   | 43.5             | 55.9                     | 57.4                         |
| 6SS4, 6SS5 (L1)               | Identify congruent triangles   | 73.9             | 77.7                     | 77.1                         |
| 6SS8 (L1)                     | Identify the coordinates of two given points on a Cartesian plane            | 52.2             | 68.2                     | 68.9                         |
| 6SS6 (L1)                     | Describe the combined transformations performed on a 2-D shape               | 60.9             | 74.2                     | 74.4                         |
| 6SS9 (L1)                     | Describe the single transformation performed on a 2-D shape                  | 78.3             | 79.1                     | 80.4                         |
| 6SS7 (L2)                     | Identify the successive transformations performed to create a design         | 60.9             | 66.7                     | 66.2                         |
|                               | · · · · · · · · · · · · · · · · · · ·  | 00.3             | 00.7                     | 00.2                         |

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Grades: K-6

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## Elementary Mathematics Provincial Assessment, June 2014 School Report - Multiple Choice Items

(Item Analysis: % of content answered correctly)

#### NLESD - Western Region

School #: 060 C.C. Loughlin Elementary, Corner Brook

| Outcome(s)<br>Cognitive Level             | Outcome Description  | School<br>[N=70] | Region<br>[N=822] | <b>Province</b><br>[N=4,875] |
|---|--|------------------|-------------------|------------------------------|
| Number Concepts                           |  |                  |                   |                              |
| 6N1 (L1)                                  | Identify the value of a digit in a given number                              | 78.3             | 65.8              | 68.2                         |
| 6N1 (L2)                                  | Demonstrate an understanding of place value through base ten representations | 30.4             | 42.7              | 38.1                         |
| 6N5 (L1)                                  | Write and interpret ratios comparing part-to-whole                           | 60.9             | 56.9              | 59.7                         |
| 6N5 (L2)                                  | Demonstrate an understanding of equivalent ratios                            | 62.3             | 45.0              | 48.4                         |
| 6N6 (L1)                                  | Demonstrate an understanding of percent as ratio                             | 49.3             | 47.2              | 50.0                         |
| 6N6 (L3)                                  | Demonstrate an understanding of percent as ratio                             | 82.6             | 83.4              | 84.1                         |
| 6N3 (L2)                                  | Distinguish between prime and composite numbers                              | 44.9             | 53.9              | 54.8                         |
| 6N3 (L2)                                  | Determine factors of a given number  | 79.7             | 68.9              | 66.3                         |
| 6N4 (L1)                                  | Place an improper fraction on a number line                                  | 40.6             | 33.3              | 38.2                         |
| 6N7 (L3)                                  | Select integer that best fits description                                    | 71.0             | 67.2              | 71.9                         |
| Number Operations                         |  |                  |                   |                              |
| 6N8 (L2)                                  | Compute products of whole numbers and decimals                               | 87.1             | 81.0              | 83.1                         |
| 6N2, 6N8 (L2)                             | Compute quotients of whole numbers and decimals                              | 70.0             | 62.3              | 64.5                         |
| 6N8 (L3)                                  | Place decimal in correct position in a product of whole numbers and decimals | 85.7             | 82.4              | 83.8                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves division of decimals                           | 72.9             | 70.2              | 71.0                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves multiplication of decimals                     | 60.0             | 60.9              | 64.1                         |
| 6N2 (L2)                                  | Estimate the solution to a subtraction problem                               | 48.6             | 50.3              | 53.4                         |
| 6N2 (L3)                                  | Determine number expression represented by base ten blocks                   | 60.0             | 56.3              | 56.7                         |
| 6N9 (L3)                                  | Apply the order of operations to solve a problem                             | 57.1             | 48.1              | 50.1                         |
| Patterns and Relations                    | Apply the order of operations to solve a problem                             | 47.1             | 44.9              | 49.7                         |
| 6PR1 (L2)                                 | Identify the value of an unknown term in a table of values                   | 80.6             | 83.3              | 84.2                         |
| 6PR1 (L3)                                 | Identify an error in a given table of values                                 | 85.1             | 87.3              | 87.9                         |
| 6PR1, 6PR3 (L2)                           | Write a mathematical expression for a situation                              | 22.4             | 22.2              | 24.4                         |
| 6PR3 (L2)                                 | Represent a pattern rule using a simple mathematical expression              | 58.2             | 53.3              | 53.5                         |
| 6PR3 (L2)                                 | Extend a pattern that is shown on a line graph                               | 71.6             | 77.3              | 75.9                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given equation                      | 50.8             | 46.3              | 50.3                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given model                         | 17.9             | 23.9              | 28.9                         |
| 6PR1, 6PR2 (L2)<br><u>Shape and Space</u> | Determine a mathematical expression for a situation and a table of values    | 25.4             | 30.7              | 31.9                         |
| 6SS1 (L1)                                 | Classify a given angle according to its measure                              | 80.6             | 80.8              | 82.5                         |
| 6SS1 (L1)                                 | Estimate the measure of an angle   | 88.1             | 85.0              | 85.9                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a triangle is 180°                 | 71.6             | 71.5              | 72.7                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a quadrilateral is 360°            | 76.1             | 73.8              | 74.4                         |
| 6SS3 (L2)                                 | Find the perimeter and area of a given polygon                               | 62.7             | 59.9              | 59.2                         |
| 6SS3 (L1)                                 | Find the volume of a given rectangular prism                                 | 38.8             | 42.4              | 43.1                         |
| 6SS4 (L1)                                 | Identify a given triangle according to its angle measures                    | 50.8             | 61.1              | 63.5                         |
| 6SS5 (L2)                                 | Sort a given set of polygons according to given attributes                   | 59.7             | 55.9              | 57.4                         |
| 6SS4, 6SS5 (L1)                           | Identify congruent triangles   | 83.6             | 77.7              | 77.1                         |
| 6SS8 (L1)                                 | Identify the coordinates of two given points on a Cartesian plane            | 80.6             | 68.2              | 68.9                         |
| 6SS6 (L1)                                 | Describe the combined transformations performed on a 2-D shape               | 67.2             | 74.2              | 74.4                         |
| 6SS9 (L1)                                 | Describe the single transformation performed on a 2-D shape                  | 80.6             | 79.1              | 80.4                         |
| 6SS7 (L2)                                 | Identify the successive transformations performed to create a design         | 62.7             | 66.7              | 66.2                         |
|   | ,  |                  | 00.7              | 00.2                         |

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(Item Analysis: % of content answered correctly)

NLESD - Western Region

School #: 065 Humber Elementary, Corner Brook Grades: K-6

| Outcome(s)<br>Cognitive Level             | Outcome Description  | School<br>[N=64] | <b>Region</b><br>[N=822] | <b>Province</b><br>[N=4,875] |
|---|--|------------------|--------------------------|------------------------------|
| Number Concepts                           |  |                  |                          |                              |
| 6N1 (L1)                                  | Identify the value of a digit in a given number                              | 69.8             | 65.8                     | 68.2                         |
| 6N1 (L2)                                  | Demonstrate an understanding of place value through base ten representations | 39.7             | 42.7                     | 38.1                         |
| 6N5 (L1)                                  | Write and interpret ratios comparing part-to-whole                           | 66.7             | 56.9                     | 59.7                         |
| 6N5 (L2)                                  | Demonstrate an understanding of equivalent ratios                            | 58.7             | 45.0                     | 48.4                         |
| 6N6 (L1)                                  | Demonstrate an understanding of percent as ratio                             | 46.0             | 47.2                     | 50.0                         |
| 6N6 (L3)                                  | Demonstrate an understanding of percent as ratio                             | 88.9             | 83.4                     | 84.1                         |
| 6N3 (L2)                                  | Distinguish between prime and composite numbers                              | 74.6             | 53.9                     | 54.8                         |
| 6N3 (L2)                                  | Determine factors of a given number  | 79.4             | 68.9                     | 66.3                         |
| 6N4 (L1)                                  | Place an improper fraction on a number line                                  | 36.5             | 33.3                     | 38.2                         |
| 6N7 (L3)                                  | Select integer that best fits description                                    | 76.2             | 67.2                     | 71.9                         |
| Number Operations                         |  |                  |                          |                              |
| 6N8 (L2)                                  | Compute products of whole numbers and decimals                               | 87.3             | 81.0                     | 83.1                         |
| 6N2, 6N8 (L2)                             | Compute quotients of whole numbers and decimals                              | 68.3             | 62.3                     | 64.5                         |
| 6N8 (L3)                                  | Place decimal in correct position in a product of whole numbers and decimals | 85.7             | 82.4                     | 83.8                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves division of decimals                           | 68.3             | 70.2                     | 71.0                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves multiplication of decimals                     | 69.8             | 60.9                     | 64.1                         |
| 6N2 (L2)                                  | Estimate the solution to a subtraction problem                               | 61.9             | 50.3                     | 53.4                         |
| 6N2 (L3)                                  | Determine number expression represented by base ten blocks                   | 52.4             | 56.3                     | 56.7                         |
| 6N9 (L3)                                  | Apply the order of operations to solve a problem                             | 58.7             | 48.1                     | 50.1                         |
| Patterns and Relations                    | Apply the order of operations to solve a problem                             | 41.3             | 44.9                     | 49.7                         |
| 6PR1 (L2)                                 | Identify the value of an unknown term in a table of values                   | 84.1             | 83.3                     | 84.2                         |
| 6PR1 (L3)                                 | Identify an error in a given table of values                                 | 88.9             | 87.3                     | 87.9                         |
| 6PR1, 6PR3 (L2)                           | Write a mathematical expression for a situation                              | 34.9             | 22.2                     | 24.4                         |
| 6PR3 (L2)                                 | Represent a pattern rule using a simple mathematical expression              | 69.8             | 53.3                     | 53.5                         |
| 6PR3 (L2)                                 | Extend a pattern that is shown on a line graph                               | 82.5             | 77.3                     | 75.9                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given equation                      | 55.6             | 46.3                     | 50.3                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given model                         | 38.1             | 23.9                     | 28.9                         |
| 6PR1, 6PR2 (L2)<br><u>Shape and Space</u> | Determine a mathematical expression for a situation and a table of values    | 42.9             | 30.7                     | 31.9                         |
|   |  |                  |                          |                              |
| 6SS1 (L1)                                 | Classify a given angle according to its measure                              | 88.7             | 80.8                     | 82.5                         |
| 6SS1 (L1)                                 | Estimate the measure of an angle   | 83.9             | 85.0                     | 85.9                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a triangle is 180°                 | 80.7             | 71.5                     | 72.7                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a quadrilateral is 360°            | 77.4             | 73.8                     | 74.4                         |
| 6SS3 (L2)                                 | Find the perimeter and area of a given polygon                               | 75.8             | 59.9                     | 59.2                         |
| 6SS3 (L1)                                 | Find the volume of a given rectangular prism                                 | 54.8             | 42.4                     | 43.1                         |
| 6SS4 (L1)                                 | Identify a given triangle according to its angle measures                    | 56.5             | 61.1                     | 63.5                         |
| 6SS5 (L2)                                 | Sort a given set of polygons according to given attributes                   | 56.5             | 55.9                     | 57.4                         |
| 6SS4, 6SS5 (L1)                           | Identify congruent triangles   | 80.7             | 77.7                     | 77.1                         |
| 6SS8 (L1)                                 | Identify the coordinates of two given points on a Cartesian plane            | 79.0             | 68.2                     | 68.9                         |
| 6SS6 (L1)                                 | Describe the combined transformations performed on a 2-D shape               | 91.9             | 74.2                     | 74.4                         |
| 6SS9 (L1)                                 | Describe the single transformation performed on a 2-D shape                  | 91.9             | 79.1                     | 80.4                         |
| 6SS7 (L2)                                 | Identify the successive transformations performed to create a design         | 72.6             | 66.7                     | 66.2                         |

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Grades: K-6

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## Elementary Mathematics Provincial Assessment, June 2014 School Report - Multiple Choice Items

(Item Analysis: % of content answered correctly)

NLESD - Western Region

School #: 066 J.J. Curling Elementary, Corner Brook

| Outcome(s)<br>Cognitive Level       | Outcome Description  | School<br>[N=51] | <b>Region</b><br>[N=822] | <b>Province</b><br>[N=4,875] |
|-------------------------------------|--|------------------|--------------------------|------------------------------|
| Number Concepts                     |  |                  |                          |                              |
| 6N1 (L1)                            | Identify the value of a digit in a given number  | 81.6             | 65.8                     | 68.2                         |
| 6N1 (L2)                            | Demonstrate an understanding of place value through base ten representations                                 | 81.6             | 42.7                     | 38.1                         |
| 6N5 (L1)                            | Write and interpret ratios comparing part-to-whole   | 55.1             | 56.9                     | 59.7                         |
| 6N5 (L2)                            | Demonstrate an understanding of equivalent ratios  | 57.1             | 45.0                     | 48.4                         |
| 6N6 (L1)                            | Demonstrate an understanding of percent as ratio   | 46.9             | 47.2                     | 50.0                         |
| 6N6 (L3)                            | Demonstrate an understanding of percent as ratio   | 91.8             | 83.4                     | 84.1                         |
| 6N3 (L2)                            | Distinguish between prime and composite numbers  | 67.4             | 53.9                     | 54.8                         |
| 6N3 (L2)                            | Determine factors of a given number  | 77.6             | 68.9                     | 66.3                         |
| 6N4 (L1)                            | Place an improper fraction on a number line  | 51.0             | 33.3                     | 38.2                         |
| 6N7 (L3)                            | Select integer that best fits description  | 87.8             | 67.2                     | 71.9                         |
| Number Operations                   |  |                  |                          |                              |
| 6N8 (L2)                            | Compute products of whole numbers and decimals   | 95.9             | 81.0                     | 83.1                         |
| 6N2, 6N8 (L2)                       | Compute quotients of whole numbers and decimals  | 55.1             | 62.3                     | 64.5                         |
| 6N8 (L3)                            | Place decimal in correct position in a product of whole numbers and decimals                                 | 95.9             | 82.4                     | 83.8                         |
| 6N2, 6N8 (L2)                       | Solve a problem that involves division of decimals   | 63.3             | 70.2                     | 71.0                         |
| 6N2, 6N8 (L2)                       | Solve a problem that involves multiplication of decimals   | 79.6             | 60.9                     | 64.1                         |
| 6N2 (L2)                            | Estimate the solution to a subtraction problem   | 46.9             | 50.3                     | 53.4                         |
| 6N2 (L3)                            | Determine number expression represented by base ten blocks   | 69.4             | 56.3                     | 56.7                         |
| 6N9 (L3)                            | Apply the order of operations to solve a problem   | 46.9             | 48.1                     | 50.1                         |
| Patterns and Relations<br>6PR1 (L2) | Identify the value of an unknown term in a table of values   | 94.0             | 83.3                     | 84.2                         |
| 6PR1 (L3)                           | Identify an error in a given table of values   |                  |                          |                              |
|                                     |  | 94.0             | 87.3                     | 87.9                         |
| 6PR1, 6PR3 (L2)                     | Write a mathematical expression for a situation  | 26.0             | 22.2                     | 24.4                         |
| 6PR3 (L2)                           | Represent a pattern rule using a simple mathematical expression  | 66.0             | 53.3                     | 53.5                         |
| 6PR3 (L2)                           | Extend a pattern that is shown on a line graph   | 82.0<br>60.0     | 77.3<br>46.3             | 75.9<br>50.3                 |
| 6PR4 (L2)<br>6PR4 (L2)              | Identifying an equivalent equation for a given equation Identifying an equivalent equation for a given model | 40.0             | 23.9                     | 28.9                         |
| 6PR1, 6PR2 (L2)<br>Shape and Space  | Determine a mathematical expression for a situation and a table of values                                    | 48.0             | 30.7                     | 31.9                         |
| 6SS1 (L1)                           | Classify a given angle according to its measure  | 91.8             | 80.8                     | 82.5                         |
| 6SS1 (L1)                           | Estimate the measure of an angle   | 89.8             | 85.0                     | 85.9                         |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a triangle is 180°   | 79.6             | 71.5                     | 72.7                         |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a quadrilateral is 360°  | 83.7             | 73.8                     | 74.4                         |
| 6SS3 (L2)                           | Find the perimeter and area of a given polygon   | 77.6             | 59.9                     | 59.2                         |
| 6SS3 (L1)                           | Find the volume of a given rectangular prism   | 69.4             | 42.4                     | 43.1                         |
| 6SS4 (L1)                           | Identify a given triangle according to its angle measures  | 65.3             | 61.1                     | 63.5                         |
| 6SS5 (L2)                           | Sort a given set of polygons according to given attributes   | 67.4             | 55.9                     | 57.4                         |
| 6SS4, 6SS5 (L1)                     | Identify congruent triangles   | 79.6             | 77.7                     | 77.1                         |
| 6SS8 (L1)                           | Identify the coordinates of two given points on a Cartesian plane  | 69.4             | 68.2                     | 68.9                         |
| 6SS6 (L1)                           | Describe the combined transformations performed on a 2-D shape   | 75.5             | 74.2                     | 74.4                         |
| 6SS9 (L1)                           | Describe the single transformation performed on a 2-D shape  | 89.8             | 79.1                     | 80.4                         |
| 6SS7 (L2)                           | Identify the successive transformations performed to create a design   | 75.5             | 66.7                     | 66.2                         |
|                                     | · · · · ·  | 10.0             | 00.7                     | 00.2                         |

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(Item Analysis: % of content answered correctly)

#### NLESD - Western Region

School #: 069 Sacred Heart Elementary, Corner Brook

Grades: K-6

| Outcome(s)                          |  | School              | Region       | Province     |
|-------------------------------------|--|---------------------|--------------|--------------|
| Cognitive Level                     | Outcome Description  | [N=27]              | [N=822]      | [N=4,875]    |
| Number Concepts                     |  |                     |              |              |
| 6N1 (L1)                            | Identify the value of a digit in a given number  | 88.5                | 65.8         | 68.2         |
| 6N1 (L2)                            | Demonstrate an understanding of place value through base ten representations                         | 46.2                | 42.7         | 38.1         |
| 6N5 (L1)                            | Write and interpret ratios comparing part-to-whole   | 65.4                | 56.9         | 59.7         |
| 6N5 (L2)                            | Demonstrate an understanding of equivalent ratios  | 38.5                | 45.0         | 48.4         |
| 6N6 (L1)                            | Demonstrate an understanding of percent as ratio   | 46.2                | 47.2         | 50.0         |
| 6N6 (L3)                            | Demonstrate an understanding of percent as ratio   | 76.9                | 83.4         | 84.1         |
| 6N3 (L2)                            | Distinguish between prime and composite numbers  | 50.0                | 53.9         | 54.8         |
| 6N3 (L2)                            | Determine factors of a given number  | 61.5                | 68.9         | 66.3         |
| 6N4 (L1)                            | Place an improper fraction on a number line  | 42.3                | 33.3         | 38.2         |
| 6N7 (L3)                            | Select integer that best fits description  | 69.2                | 67.2         | 71.9         |
| Number Operations                   |  |                     |              |              |
| 6N8 (L2)                            | Compute products of whole numbers and decimals   | 91 5                | 81.0         | 02.1         |
| 6N2, 6N8 (L2)                       | Compute quotients of whole numbers and decimals  | <u>81.5</u><br>44.4 | 62.3         | 83.1<br>64.5 |
| 6N8 (L3)                            | Place decimal in correct position in a product of whole numbers and decimals                         | 70.4                | 82.4         | 83.8         |
| 6N2, 6N8 (L2)                       | Solve a problem that involves division of decimals   | 70.4                | 70.2         | 71.0         |
| 6N2, 6N8 (L2)                       | •  | 44.4                | 60.9         | 64.1         |
| 6N2 (L2)                            | Solve a problem that involves multiplication of decimals   | 37.0                | 50.3         | 53.4         |
|                                     | Estimate the solution to a subtraction problem   | 63.0                | 56.3         | 56.7         |
| 6N2 (L3)                            | Determine number expression represented by base ten blocks   |                     |              |              |
| 6N9 (L3)<br>6N9 (L2)                | Apply the order of operations to solve a problem<br>Apply the order of operations to solve a problem | 40.7                | 48.1<br>44.9 | 50.1<br>49.7 |
| Patterns and Relations<br>6PR1 (L2) | Identify the value of an unknown term in a table of values   | 73.1                | 83.3         | 84.2         |
| 6PR1 (L3)                           | Identify an error in a given table of values   | 92.3                | 87.3         | 87.9         |
| 6PR1, 6PR3 (L2)                     | Write a mathematical expression for a situation  | 34.6                | 22.2         | 24.4         |
| 6PR3 (L2)                           | Represent a pattern rule using a simple mathematical expression                                      | 50.0                | 53.3         | 53.5         |
| 6PR3 (L2)                           | Extend a pattern that is shown on a line graph   | 69.2                | 77.3         | 75.9         |
| 6PR4 (L2)                           | Identifying an equivalent equation for a given equation  | 30.8                | 46.3         | 50.3         |
| 6PR4 (L2)                           | Identifying an equivalent equation for a given model   | 15.4                | 23.9         | 28.9         |
| 6PR1, 6PR2 (L2)                     | Determine a mathematical expression for a situation and a table of values                            | 19.2                | 30.7         | 31.9         |
| Shape and Space                     |  |                     |              |              |
| 6SS1 (L1)                           | Classify a given angle according to its measure  | 76.9                | 80.8         | 82.5         |
| 6SS1 (L1)                           | Estimate the measure of an angle   | 88.5                | 85.0         | 85.9         |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a triangle is 180°   | 73.1                | 71.5         | 72.7         |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a quadrilateral is 360°                                    | 61.5                | 73.8         | 74.4         |
| 6SS3 (L2)                           | Find the perimeter and area of a given polygon   | 42.3                | 59.9         | 59.2         |
| 6SS3 (L1)                           | Find the volume of a given rectangular prism   | 46.2                | 42.4         | 43.1         |
| 6SS4 (L1)                           | Identify a given triangle according to its angle measures  | 50.0                | 61.1         | 63.5         |
| 6SS5 (L2)                           | Sort a given set of polygons according to given attributes   | 57.7                | 55.9         | 57.4         |
| 6SS4, 6SS5 (L1)                     | Identify congruent triangles   | 84.6                | 77.7         | 77.1         |
| 6SS8 (L1)                           | Identify the coordinates of two given points on a Cartesian plane                                    | 88.5                | 68.2         | 68.9         |
| 6SS6 (L1)                           | Describe the combined transformations performed on a 2-D shape                                       | 76.9                | 74.2         | 74.4         |
| 6SS9 (L1)                           | Describe the single transformation performed on a 2-D shape  | 76.9                | 79.1         | 80.4         |
| 6SS7 (L2)                           | Identify the successive transformations performed to create a design                                 | 80.8                | 66.7         | 66.2         |
|                                     |  |                     | 1            | 1            |

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## Elementary Mathematics Provincial Assessment, June 2014 School Report - Multiple Choice Items

(Item Analysis: % of content answered correctly)

#### NLESD - Western Region

School #: 070 St. Gerard's Elementary, Corner Brook Grades: K-6

| 6N1 (L2)         C           6N5 (L1)         V           6N5 (L2)         C           6N6 (L1)         C           6N6 (L3)         C           6N3 (L2)         C           6N3 (L2)         C           6N4 (L1)         F           6N7 (L3)         S           Number Operations         6N8 (L2) | dentify the value of a digit in a given number<br>Demonstrate an understanding of place value through base ten representations<br>Write and interpret ratios comparing part-to-whole<br>Demonstrate an understanding of equivalent ratios<br>Demonstrate an understanding of percent as ratio<br>Demonstrate an understanding of percent as ratio<br>Demonstrate an understanding of percent as ratio<br>Distinguish between prime and composite numbers<br>Determine factors of a given number<br>Place an improper fraction on a number line<br>Select integer that best fits description | 93.3<br>86.7<br>86.7<br>66.7<br>93.3<br>93.3<br>93.3<br>93.3<br>80.0<br>80.0 | 65.8<br>42.7<br>56.9<br>45.0<br>47.2<br>83.4<br>53.9<br>68.9<br>33.3<br>67.2 | 68.2<br>38.1<br>59.7<br>48.4<br>50.0<br>84.1<br>54.8<br>66.3<br>38.2<br>71.9 |
|---|---|--|--|--|
| 6N1 (L2)         C           6N5 (L1)         V           6N5 (L2)         C           6N6 (L1)         C           6N6 (L3)         C           6N3 (L2)         C           6N3 (L2)         C           6N4 (L1)         F           6N7 (L3)         S           Number Operations         6N8 (L2) | Demonstrate an understanding of place value through base ten representations Write and interpret ratios comparing part-to-whole Demonstrate an understanding of equivalent ratios Demonstrate an understanding of percent as ratio Demonstrate an understanding of percent as ratio Demonstrate an understanding of percent as ratio Determine factors of a given number Place an improper fraction on a number line Select integer that best fits description  | 86.7<br>86.7<br>66.7<br>93.3<br>93.3<br>93.3<br>93.3<br>80.0                 | 42.7<br>56.9<br>45.0<br>47.2<br>83.4<br>53.9<br>68.9<br>33.3                 | 38.1<br>59.7<br>48.4<br>50.0<br>84.1<br>54.8<br>66.3<br>38.2                 |
| 6N1 (L2)         C           6N5 (L1)         V           6N5 (L2)         C           6N6 (L1)         C           6N6 (L3)         C           6N3 (L2)         C           6N3 (L2)         C           6N4 (L1)         F           6N7 (L3)         S           Number Operations         6N8 (L2) | Demonstrate an understanding of place value through base ten representations Write and interpret ratios comparing part-to-whole Demonstrate an understanding of equivalent ratios Demonstrate an understanding of percent as ratio Demonstrate an understanding of percent as ratio Demonstrate an understanding of percent as ratio Determine factors of a given number Place an improper fraction on a number line Select integer that best fits description  | 86.7<br>86.7<br>93.3<br>93.3<br>93.3<br>93.3<br>80.0                         | 56.9<br>45.0<br>47.2<br>83.4<br>53.9<br>68.9<br>33.3                         | 59.7<br>48.4<br>50.0<br>84.1<br>54.8<br>66.3<br>38.2                         |
| 6N5 (L1)       V         6N5 (L2)       C         6N6 (L1)       C         6N6 (L3)       C         6N3 (L2)       C         6N3 (L2)       C         6N4 (L1)       F         6N7 (L3)       S         Number Operations       6N8 (L2)  | Write and interpret ratios comparing part-to-whole<br>Demonstrate an understanding of equivalent ratios<br>Demonstrate an understanding of percent as ratio<br>Demonstrate an understanding of percent as ratio<br>Demonstrate an understanding of percent as ratio<br>Distinguish between prime and composite numbers<br>Determine factors of a given number<br>Place an improper fraction on a number line<br>Select integer that best fits description   | 86.7<br>86.7<br>93.3<br>93.3<br>93.3<br>93.3<br>80.0                         | 56.9<br>45.0<br>47.2<br>83.4<br>53.9<br>68.9<br>33.3                         | 59.7<br>48.4<br>50.0<br>84.1<br>54.8<br>66.3<br>38.2                         |
| 6N5 (L2)         E           6N6 (L1)         E           6N6 (L3)         E           6N3 (L2)         E           6N3 (L2)         E           6N4 (L1)         F           6N7 (L3)         S           Number Operations         6           6N8 (L2)         C                                     | Demonstrate an understanding of equivalent ratios<br>Demonstrate an understanding of percent as ratio<br>Demonstrate an understanding of percent as ratio<br>Distinguish between prime and composite numbers<br>Determine factors of a given number<br>Place an improper fraction on a number line<br>Select integer that best fits description   | 66.7<br>93.3<br>93.3<br>93.3<br>93.3<br>80.0                                 | 47.2<br>83.4<br>53.9<br>68.9<br>33.3   | 50.0<br>84.1<br>54.8<br>66.3<br>38.2   |
| 6N6 (L3)         E           6N3 (L2)         E           6N3 (L2)         E           6N4 (L1)         F           6N7 (L3)         S           Number Operations         6N8 (L2)   | Demonstrate an understanding of percent as ratio<br>Distinguish between prime and composite numbers<br>Determine factors of a given number<br>Place an improper fraction on a number line<br>Select integer that best fits description  | 93.3<br>93.3<br>93.3<br>80.0   | 83.4<br>53.9<br>68.9<br>33.3   | 84.1<br>54.8<br>66.3<br>38.2   |
| 6N3 (L2)         E           6N3 (L2)         E           6N3 (L2)         E           6N4 (L1)         F           6N7 (L3)         S           Number Operations         6N8 (L2)   | Distinguish between prime and composite numbers<br>Determine factors of a given number<br>Place an improper fraction on a number line<br>Select integer that best fits description  | 93.3<br>93.3<br>80.0   | 53.9<br>68.9<br>33.3   | 54.8<br>66.3<br>38.2   |
| 6N3 (L2)         E           6N4 (L1)         F           6N7 (L3)         S           Number Operations         GN8 (L2)         C   | Determine factors of a given number<br>Place an improper fraction on a number line<br>Select integer that best fits description   | 93.3<br>80.0   | 68.9<br>33.3   | 66.3<br>38.2   |
| 6N4 (L1)         F           6N7 (L3)         S           Number Operations.         GN8 (L2)         C   | Place an improper fraction on a number line<br>Select integer that best fits description  | 80.0   | 33.3   | 38.2   |
| 6N7 (L3)         5           Number Operations         6           6N8 (L2)         0   | Select integer that best fits description   |  |  |  |
| Number Operations<br>6N8 (L2)   |   | 80.0   | 67.2   | 71.9   |
| 6N8 (L2)  | Compute products of whole numbers and decimals  |  |  |  |
| . ,   | Compute products of whole numbers and decimals  |  | 1  |  |
| 6N2 6N8 (L2)  |   | 78.6   | 81.0   | 83.1   |
| 0142, 0140 (L2)   | Compute quotients of whole numbers and decimals   | 64.3   | 62.3   | 64.5   |
| 6N8 (L3) F  | Place decimal in correct position in a product of whole numbers and decimals  | 85.7   | 82.4   | 83.8   |
| 6N2, 6N8 (L2)   | Solve a problem that involves division of decimals  | 92.9   | 70.2   | 71.0   |
| 6N2, 6N8 (L2)   | Solve a problem that involves multiplication of decimals  | 78.6   | 60.9   | 64.1   |
| 6N2 (L2) E  | Estimate the solution to a subtraction problem  | 71.4   | 50.3   | 53.4   |
| 6N2 (L3)  | Determine number expression represented by base ten blocks  | 92.9   | 56.3   | 56.7   |
| 6N9 (L3)  | Apply the order of operations to solve a problem  | 71.4   | 48.1   | 50.1   |
| CNI0 (1.0)  | Apply the order of operations to solve a problem  | 42.9   | 44.9   | 49.7   |
| Patterns and Relations  |   |  |  |  |
| - ( )   | dentify the value of an unknown term in a table of values   | 80.0   | 83.3   | 84.2   |
| 6PR1 (L3)   | dentify an error in a given table of values   | 86.7   | 87.3   | 87.9   |
| 6PR1, 6PR3 (L2)   | Nrite a mathematical expression for a situation   | 73.3   | 22.2   | 24.4   |
| 6PR3 (L2) F   | Represent a pattern rule using a simple mathematical expression   | 80.0   | 53.3   | 53.5   |
| 6PR3 (L2) E   | Extend a pattern that is shown on a line graph  | 93.3   | 77.3   | 75.9   |
|   | dentifying an equivalent equation for a given equation  | 53.3   | 46.3   | 50.3   |
|   | dentifying an equivalent equation for a given model   | 93.3   | 23.9   | 28.9   |
| 6PR1, 6PR2 (L2) [<br>Shape and Space  | Determine a mathematical expression for a situation and a table of values   | 86.7   | 30.7   | 31.9   |
| 6SS1 (L1)   | Classify a given angle according to its measure   | 84.6   | 80.8   | 82.5   |
|   | Estimate the measure of an angle  | 92.3   | 85.0   | 85.9   |
|   | Demonstrate the sum of interior angles of a triangle is 180°  | 92.3   | 71.5   | 72.7   |
|   | Demonstrate the sum of interior angles of a quadrilateral is 360°   | 69.2   | 73.8   | 74.4   |
|   | Find the perimeter and area of a given polygon  | 100.0  | 59.9   | 59.2   |
|   | Find the volume of a given rectangular prism  | 69.2   | 42.4   | 43.1   |
|   | dentify a given triangle according to its angle measures  | 84.6   | 61.1   | 63.5   |
| 388 · (2 · )  | Sort a given set of polygons according to given attributes  | 84.6   | 55.9   | 57.4   |
| ()  | dentify congruent triangles   | 92.3   | 77.7   | 77.1   |
| 0004, 0000 (E1)   | dentify the coordinates of two given points on a Cartesian plane  | 84.6   | 68.2   | 68.9   |
| ( )   | Describe the combined transformations performed on a 2-D shape  | 69.2   | 74.2   | 74.4   |
|   | Describe the combined transformations performed on a 2-D shape  | -  |  |  |
|   |   | 84.6   | 79.1   | 80.4   |
| 6SS7 (L2)   | dentify the successive transformations performed to create a design   | 84.6   | 66.7   | 66.2   |

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(Item Analysis: % of content answered correctly)

#### NLESD - Western Region

School #: 072 Holy Cross All Grade School, Daniel's Harbour

Grades: K-1,3-12

| Outcome(s)<br>Cognitive Level  | Outcome Description  | School<br>[N=2]                    | <b>Region</b><br>[N=822]   | <b>Province</b><br>[N=4,875]  |
|--|--|------------------------------------|--|---|
| Number Concepts  |  |                                    |  |   |
| 6N1 (L1)   | Identify the value of a digit in a given number  |                                    | 65.8   | 68.2  |
| 6N1 (L2)   | Demonstrate an understanding of place value through base ten representations   | School data                        | 42.7   | 38.1  |
| 6N5 (L1)   | Write and interpret ratios comparing part-to-whole   | with 5 or                          | 56.9   | 59.7  |
| 6N5 (L2)   | Demonstrate an understanding of equivalent ratios  | fewer                              | 45.0   | 48.4  |
| 6N6 (L1)   | Demonstrate an understanding of percent as ratio   | students                           | 47.2   | 50.0  |
| 6N6 (L3)   | Demonstrate an understanding of percent as ratio   | withheld for<br>reasons of         | 83.4   | 84.1  |
| 6N3 (L2)   | Distinguish between prime and composite numbers  | confidentiality                    | 53.9   | 54.8  |
| 6N3 (L2)   | Determine factors of a given number  |                                    | 68.9   | 66.3  |
| 6N4 (L1)   | Place an improper fraction on a number line  |                                    | 33.3   | 38.2  |
| 6N7 (L3)   | Select integer that best fits description  |                                    | 67.2   | 71.9  |
| Number Operations  |  |                                    |  |   |
| 6N8 (L2)   | Compute products of whole numbers and decimals   |                                    | 81.0   | 83.1  |
| 6N2, 6N8 (L2)  | Compute quotients of whole numbers and decimals  |                                    | 62.3   | 64.5  |
| 6N8 (L3)   | Place decimal in correct position in a product of whole numbers and decimals   |                                    | 82.4   | 83.8  |
| 6N2, 6N8 (L2)  | Solve a problem that involves division of decimals   |                                    | 70.2   | 71.0  |
| 6N2, 6N8 (L2)  | Solve a problem that involves multiplication of decimals   |                                    | 60.9   | 64.1  |
| 6N2 (L2)   | Estimate the solution to a subtraction problem   |                                    | 50.3   | 53.4  |
| 6N2 (L3)   | Determine number expression represented by base ten blocks   |                                    | 56.3   | 56.7  |
|  |  |                                    | 48.1   | 50.1  |
| 6N9 (L3)   | Apply the order of operations to solve a proplem   |                                    |  |   |
| 6N9 (L3)<br>6N9 (L2)   | Apply the order of operations to solve a problem<br>Apply the order of operations to solve a problem   |                                    | 44.9   | 49.7  |
|  |  | _                                  |  | 49.7  |
| 6N9 (L2)<br><u>Patterns and Relations</u><br>6PR1 (L2)   | Apply the order of operations to solve a problem Identify the value of an unknown term in a table of values  | _                                  | 44.9<br>83.3   | 84.2  |
| 6N9 (L2)<br><u>Patterns and Relations</u><br>6PR1 (L2)<br>6PR1 (L3)  | Apply the order of operations to solve a problem           Identify the value of an unknown term in a table of values           Identify an error in a given table of values   |                                    | 44.9<br>83.3<br>87.3   | 84.2<br>87.9  |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)  | Apply the order of operations to solve a problem           Identify the value of an unknown term in a table of values           Identify an error in a given table of values           Write a mathematical expression for a situation   |                                    | 44.9<br>83.3<br>87.3<br>22.2   | 84.2<br>87.9<br>24.4  |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)   | Apply the order of operations to solve a problem          Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression  |                                    | 44.9<br>83.3<br>87.3<br>22.2<br>53.3   | 84.2<br>87.9<br>24.4<br>53.5  |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)  | Apply the order of operations to solve a problem          Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph   |                                    | 44.9<br>83.3<br>87.3<br>22.2   | 84.2<br>87.9<br>24.4  |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)   | Apply the order of operations to solve a problem          Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression  |                                    | 44.9<br>83.3<br>87.3<br>22.2<br>53.3<br>77.3   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9  |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)   | Apply the order of operations to solve a problem          Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation   |                                    | 44.9<br>83.3<br>87.3<br>22.2<br>53.3<br>77.3<br>46.3   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3  |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)  | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given model   |                                    | 44.9<br>83.3<br>87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9  |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1 (L3)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>Shape and Space<br>6SS1 (L1)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given model   |                                    | 44.9<br>83.3<br>87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9  |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1 (L3)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>Shape and Space   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values   |                                    | 44.9<br>83.3<br>87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9  |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>Shape and Space<br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)  | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure   |                                    | 44.9<br>83.3<br>87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5  |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>5Phape and Space<br>6SS1 (L1)<br>6SS1 (L1)  | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle  |                                    | 44.9<br>83.3<br>87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9  |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>Shape and Space<br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)  | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°   | 50.0                               | 44.9<br>83.3<br>87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0<br>71.5   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7  |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°   |                                    | 44.9<br>83.3<br>87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0<br>71.5<br>73.8   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4  |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1 (L3)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br><b>Shape and Space</b><br>6SS1 (L1)<br>6SS2 (L2)<br>6SS2 (L2)<br>6SS3 (L2)  | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon  |                                    | 44.9<br>83.3<br>87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0<br>71.5<br>73.8<br>59.9   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2  |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br><b>Shape and Space</b><br>6SS1 (L1)<br>6SS2 (L2)<br>6SS2 (L2)<br>6SS3 (L2)  | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism   | 0.0                                | 44.9<br>83.3<br>87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0<br>71.5<br>73.8<br>59.9<br>42.4                                 | 84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1   |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L1)<br>6SS4 (L1)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures   | 0.0 50.0                           | 44.9<br>83.3<br>87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0<br>71.5<br>73.8<br>59.9<br>42.4<br>61.1                         | 84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5  |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L1)<br>6SS4 (L1)<br>6SS5 (L2)  | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to given attributes  | 0.0<br>50.0<br>0.0                 | 44.9<br>83.3<br>87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0<br>71.5<br>73.8<br>59.9<br>42.4<br>61.1<br>55.9                 | 84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5           57.4                               |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L1)<br>6SS4 (L1)<br>6SS5 (L2)<br>6SS5 (L2)<br>6SS4, 6SS5 (L1)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Permonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures         Sort a given set of polygons according to given attributes         Identify congruent triangles  | 0.0<br>50.0<br>0.0<br>100.0        | 44.9<br>83.3<br>87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0<br>71.5<br>73.8<br>59.9<br>42.4<br>61.1<br>55.9<br>77.7         | 84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5           57.4           77.1                |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS2 (L2)<br>6SS3 (L1)<br>6SS3 (L1)<br>6SS5 (L2)<br>6SS5 (L2)<br>6SS4 (6SS5 (L1)<br>6SS8 (L1)  | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to its angle measures         Sort a given set of polygons according to given attributes         Identify the coordinates of two given points on a Cartesian plane | 0.0<br>50.0<br>0.0<br>100.0<br>0.0 | 44.9<br>83.3<br>87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0<br>71.5<br>73.8<br>59.9<br>42.4<br>61.1<br>55.9<br>77.7<br>68.2 | 84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5           57.4           77.1           68.9 |

O:\CRT14\MATH\_6\MT14\_6MC\_W.RPT



(Item Analysis: % of content answered correctly)

NLESD - Western Region

School #: 075 Hampden Academy, Hampden Grades: K-12

| Outcome(s)<br>Cognitive Level       | Outcome Description  | School<br>[N=4]       | <b>Region</b><br>[N=822] | Province<br>[N=4,875] |
|-------------------------------------|--|-----------------------|--------------------------|-----------------------|
| Number Concepts                     |  |                       |                          |                       |
| 6N1 (L1)                            | Identify the value of a digit in a given number  |                       | 65.8                     | 68.2                  |
| 6N1 (L2)                            | Demonstrate an understanding of place value through base ten representations                                 | School data           | 42.7                     | 38.1                  |
| 6N5 (L1)                            | Write and interpret ratios comparing part-to-whole   | with 5 or             | 56.9                     | 59.7                  |
| 6N5 (L2)                            | Demonstrate an understanding of equivalent ratios  | fewer                 | 45.0                     | 48.4                  |
| 6N6 (L1)                            | Demonstrate an understanding of percent as ratio   | students withheld for | 47.2                     | 50.0                  |
| 6N6 (L3)                            | Demonstrate an understanding of percent as ratio   | reasons of            | 83.4                     | 84.1                  |
| 6N3 (L2)                            | Distinguish between prime and composite numbers  | confidentiality       | 53.9                     | 54.8                  |
| 6N3 (L2)                            | Determine factors of a given number  |                       | 68.9                     | 66.3                  |
| 6N4 (L1)                            | Place an improper fraction on a number line  |                       | 33.3                     | 38.2                  |
| 6N7 (L3)                            | Select integer that best fits description  |                       | 67.2                     | 71.9                  |
| Number Operations                   |  |                       |                          |                       |
| 6N8 (L2)                            | Compute products of whole numbers and decimals   |                       | 81.0                     | 83.1                  |
| 6N2, 6N8 (L2)                       | Compute quotients of whole numbers and decimals  |                       | 62.3                     | 64.5                  |
| 6N8 (L3)                            | Place decimal in correct position in a product of whole numbers and decimals                                 |                       | 82.4                     | 83.8                  |
| 6N2, 6N8 (L2)                       | Solve a problem that involves division of decimals   |                       | 70.2                     | 71.0                  |
| 6N2, 6N8 (L2)                       | Solve a problem that involves multiplication of decimals   |                       | 60.9                     | 64.1                  |
| 6N2 (L2)                            | Estimate the solution to a subtraction problem   |                       | 50.3                     | 53.4                  |
| 6N2 (L3)                            | Determine number expression represented by base ten blocks   |                       | 56.3                     | 56.7                  |
| 6N9 (L3)                            | Apply the order of operations to solve a problem   |                       | 48.1                     | 50.1                  |
| 6N9 (L2)                            | Apply the order of operations to solve a problem   |                       | 44.9                     | 49.7                  |
| Patterns and Relations<br>6PR1 (L2) | Identify the value of an unknown term in a table of values   | _                     | 83.3                     | 84.2                  |
|                                     |  |                       |                          | -                     |
| 6PR1 (L3)                           | Identify an error in a given table of values   | _                     | 87.3                     | 87.9                  |
| 6PR1, 6PR3 (L2)                     | Write a mathematical expression for a situation  |                       | 22.2                     | 24.4                  |
| 6PR3 (L2)                           | Represent a pattern rule using a simple mathematical expression  | _                     | 53.3                     | 53.5                  |
| 6PR3 (L2)                           | Extend a pattern that is shown on a line graph   |                       | 77.3                     | 75.9                  |
| 6PR4 (L2)<br>6PR4 (L2)              | Identifying an equivalent equation for a given equation Identifying an equivalent equation for a given model |                       | 46.3<br>23.9             | 50.3<br>28.9          |
| 6PR1, 6PR2 (L2)                     | Determine a mathematical expression for a situation and a table of values                                    | _                     | 30.7                     | 31.9                  |
| Shape and Space                     |  |                       | 00.1                     | 01.0                  |
| 6SS1 (L1)                           | Classify a given angle according to its measure  |                       | 80.8                     | 82.5                  |
| 6SS1 (L1)                           | Estimate the measure of an angle   |                       | 85.0                     | 85.9                  |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a triangle is 180°   |                       | 71.5                     | 72.7                  |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a quadrilateral is 360°  |                       | 73.8                     | 74.4                  |
| 6SS3 (L2)                           | Find the perimeter and area of a given polygon   | 100.0                 | 59.9                     | 59.2                  |
| 6SS3 (L1)                           | Find the volume of a given rectangular prism   | 75.0                  | 42.4                     | 43.1                  |
| 6SS4 (L1)                           | Identify a given triangle according to its angle measures  | 100.0                 | 61.1                     | 63.5                  |
| 6SS5 (L2)                           | Sort a given set of polygons according to given attributes   | 100.0                 | 55.9                     | 57.4                  |
| 6SS4, 6SS5 (L1)                     | Identify congruent triangles   | 100.0                 | 77.7                     | 77.1                  |
| 6SS8 (L1)                           | Identify the coordinates of two given points on a Cartesian plane  | 100.0                 | 68.2                     | 68.9                  |
| 6SS6 (L1)                           | Describe the combined transformations performed on a 2-D shape   | 100.0                 | 74.2                     | 74.4                  |
| 6SS9 (L1)                           | Describe the single transformation performed on a 2-D shape  | 100.0                 | 79.1                     | 80.4                  |
|                                     | Identify the successive transformations performed to create a design   |                       |                          |                       |
| 6SS7 (L2)                           | ועטאמוץ עוב שעטכששויב עמאשטווומעטווג אבווטווובע על גופענע א ענשועוו  | 100.0                 | 66.7                     | 66.2                  |

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(Item Analysis: % of content answered correctly)

#### NLESD - Western Region

School #: 079 St. James All Grade, Lark Harbour

| Grades: | K-12 |
|---------|------|
|         |      |

| Outcome(s)                                |  | School | Region  | Province  |
|---|--|--------|---------|-----------|
| Cognitive Level                           | Outcome Description  | [N=10] | [N=822] | [N=4,875] |
| Number Concepts                           |  |        |         |           |
| 6N1 (L1)                                  | Identify the value of a digit in a given number                              | 80.0   | 65.8    | 68.2      |
| 6N1 (L2)                                  | Demonstrate an understanding of place value through base ten representations | 90.0   | 42.7    | 38.1      |
| 6N5 (L1)                                  | Write and interpret ratios comparing part-to-whole                           | 100.0  | 56.9    | 59.7      |
| 6N5 (L2)                                  | Demonstrate an understanding of equivalent ratios                            | 70.0   | 45.0    | 48.4      |
| 6N6 (L1)                                  | Demonstrate an understanding of percent as ratio                             | 60.0   | 47.2    | 50.0      |
| 6N6 (L3)                                  | Demonstrate an understanding of percent as ratio                             | 100.0  | 83.4    | 84.1      |
| 6N3 (L2)                                  | Distinguish between prime and composite numbers                              | 80.0   | 53.9    | 54.8      |
| 6N3 (L2)                                  | Determine factors of a given number  | 70.0   | 68.9    | 66.3      |
| 6N4 (L1)                                  | Place an improper fraction on a number line                                  | 80.0   | 33.3    | 38.2      |
| 6N7 (L3)                                  | Select integer that best fits description                                    | 60.0   | 67.2    | 71.9      |
| Number Operations                         |  |        |         |           |
| 6N8 (L2)                                  | Compute products of whole numbers and decimals                               | 90.0   | 81.0    | 83.1      |
| 6N2, 6N8 (L2)                             | Compute quotients of whole numbers and decimals                              | 80.0   | 62.3    | 64.5      |
| 6N8 (L3)                                  | Place decimal in correct position in a product of whole numbers and decimals | 80.0   | 82.4    | 83.8      |
| 6N2, 6N8 (L2)                             | Solve a problem that involves division of decimals                           | 90.0   | 70.2    | 71.0      |
| 6N2, 6N8 (L2)                             | Solve a problem that involves multiplication of decimals                     | 90.0   | 60.9    | 64.1      |
| 6N2 (L2)                                  | Estimate the solution to a subtraction problem                               | 60.0   | 50.3    | 53.4      |
| 6N2 (L3)                                  | Determine number expression represented by base ten blocks                   | 90.0   | 56.3    | 56.7      |
| 6N9 (L3)                                  | Apply the order of operations to solve a problem                             | 50.0   | 48.1    | 50.1      |
| 6N9 (L2)                                  | Apply the order of operations to solve a problem                             | 80.0   | 44.9    | 49.7      |
| Patterns and Relations                    |  |        |         |           |
| 6PR1 (L2)                                 | Identify the value of an unknown term in a table of values                   | 100.0  | 83.3    | 84.2      |
| 6PR1 (L3)                                 | Identify an error in a given table of values                                 | 80.0   | 87.3    | 87.9      |
| 6PR1, 6PR3 (L2)                           | Write a mathematical expression for a situation                              | 30.0   | 22.2    | 24.4      |
| 6PR3 (L2)                                 | Represent a pattern rule using a simple mathematical expression              | 60.0   | 53.3    | 53.5      |
| 6PR3 (L2)                                 | Extend a pattern that is shown on a line graph                               | 70.0   | 77.3    | 75.9      |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given equation                      | 70.0   | 46.3    | 50.3      |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given model                         | 50.0   | 23.9    | 28.9      |
| 6PR1, 6PR2 (L2)<br><u>Shape and Space</u> | Determine a mathematical expression for a situation and a table of values    | 50.0   | 30.7    | 31.9      |
| 6SS1 (L1)                                 | Classify a given angle according to its measure                              | 100.0  | 80.8    | 82.5      |
| 6SS1 (L1)                                 | Estimate the measure of an angle   | 90.0   | 85.0    | 85.9      |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a triangle is 180°                 | 100.0  | 71.5    | 72.7      |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a quadrilateral is 360°            | 80.0   | 73.8    | 74.4      |
| 6SS3 (L2)                                 | Find the perimeter and area of a given polygon                               | 60.0   | 59.9    | 59.2      |
| 6SS3 (L1)                                 | Find the volume of a given rectangular prism                                 | 50.0   | 42.4    | 43.1      |
| 6SS4 (L1)                                 | Identify a given triangle according to its angle measures                    | 50.0   | 61.1    | 63.5      |
| 6SS5 (L2)                                 | Sort a given set of polygons according to given attributes                   | 70.0   | 55.9    | 57.4      |
|   | Identify congruent triangles   | 70.0   | 77.7    | 77.1      |
| 6SS4, 6SS5 (L1)                           | Identify the coordinates of two given points on a Cartesian plane            |        |         |           |
| 6SS8 (L1)                                 |  | 80.0   | 68.2    | 68.9      |
| 6SS6 (L1)                                 | Describe the combined transformations performed on a 2-D shape               | 60.0   | 74.2    | 74.4      |
| 6SS9 (L1)                                 | Describe the single transformation performed on a 2-D shape                  | 70.0   | 79.1    | 80.4      |
| 6SS7 (L2)                                 | Identify the successive transformations performed to create a design         | 50.0   | 66.7    | 66.2      |

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## Elementary Mathematics Provincial Assessment, June 2014 School Report - Multiple Choice Items

(Item Analysis: % of content answered correctly)

NLESD - Western Region

# School #: 080 Templeton Academy, Meadows Grades: K-12

| Outcome(s)<br>Cognitive Level   | Outcome Description  | School<br>[N=42] | <b>Region</b><br>[N=822] | <b>Province</b><br>[N=4,875] |
|---------------------------------|--|------------------|--------------------------|------------------------------|
| Number Concepts                 |  |                  |                          |                              |
| 6N1 (L1)                        | Identify the value of a digit in a given number                                  | 52.4             | 65.8                     | 68.2                         |
| 6N1 (L2)                        | Demonstrate an understanding of place value through base ten representations     | 26.2             | 42.7                     | 38.1                         |
| 6N5 (L1)                        | Write and interpret ratios comparing part-to-whole                               | 33.3             | 56.9                     | 59.7                         |
| 6N5 (L2)                        | Demonstrate an understanding of equivalent ratios                                | 40.5             | 45.0                     | 48.4                         |
| 6N6 (L1)                        | Demonstrate an understanding of percent as ratio                                 | 31.0             | 47.2                     | 50.0                         |
| 6N6 (L3)                        | Demonstrate an understanding of percent as ratio                                 | 69.1             | 83.4                     | 84.1                         |
| 6N3 (L2)                        | Distinguish between prime and composite numbers                                  | 47.6             | 53.9                     | 54.8                         |
| 6N3 (L2)                        | Determine factors of a given number  | 52.4             | 68.9                     | 66.3                         |
| 6N4 (L1)                        | Place an improper fraction on a number line                                      | 19.1             | 33.3                     | 38.2                         |
| 6N7 (L3)                        | Select integer that best fits description  | 57.1             | 67.2                     | 71.9                         |
| Number Operations               |  |                  |                          |                              |
| 6N8 (L2)                        | Compute products of whole numbers and decimals                                   | 72.5             | 81.0                     | 83.1                         |
| 6N2, 6N8 (L2)                   | Compute quotients of whole numbers and decimals                                  | 42.5             | 62.3                     | 64.5                         |
| 6N8 (L3)                        | Place decimal in correct position in a product of whole numbers and decimals     | 72.5             | 82.4                     | 83.8                         |
| 6N2, 6N8 (L2)                   | Solve a problem that involves division of decimals                               | 57.5             | 70.2                     | 71.0                         |
| 6N2, 6N8 (L2)                   | Solve a problem that involves multiplication of decimals                         | 40.0             | 60.9                     | 64.1                         |
| 6N2 (L2)                        | Estimate the solution to a subtraction problem                                   | 42.5             | 50.3                     | 53.4                         |
| 6N2 (L3)                        | Determine number expression represented by base ten blocks                       | 47.5             | 56.3                     | 56.7                         |
| 6N9 (L3)                        | Apply the order of operations to solve a problem                                 | 47.5             | 48.1                     | 50.1                         |
| 6N9 (L2)                        | Apply the order of operations to solve a problem                                 | 40.0             | 44.9                     | 49.7                         |
| Patterns and Relations          |  |                  |                          |                              |
| 6PR1 (L2)                       | Identify the value of an unknown term in a table of values                       | 78.6             | 83.3                     | 84.2                         |
| 6PR1 (L3)                       | Identify an error in a given table of values                                     | 78.6             | 87.3                     | 87.9                         |
| 6PR1, 6PR3 (L2)                 | Write a mathematical expression for a situation                                  | 16.7             | 22.2                     | 24.4                         |
| 6PR3 (L2)                       | Represent a pattern rule using a simple mathematical expression                  | 38.1             | 53.3                     | 53.5                         |
| 6PR3 (L2)                       | Extend a pattern that is shown on a line graph                                   | 52.4             | 77.3                     | 75.9                         |
| 6PR4 (L2)                       | Identifying an equivalent equation for a given equation                          | 38.1             | 46.3                     | 50.3                         |
| 6PR4 (L2)                       | Identifying an equivalent equation for a given model                             | 14.3             | 23.9                     | 28.9                         |
| 6PR1, 6PR2 (L2) Shape and Space | Determine a mathematical expression for a situation and a table of values        | 14.3             | 30.7                     | 31.9                         |
| 6SS1 (L1)                       | Classify a given angle according to its measure                                  | 78.6             | 80.8                     | 82.5                         |
| 6SS1 (L1)<br>6SS1 (L1)          | Classify a given angle according to its measure Estimate the measure of an angle | 90.5             | 85.0                     | 85.9                         |
| 6SS2 (L2)                       | Demonstrate the sum of interior angles of a triangle is 180°                     |                  |                          |                              |
| 6SS2 (L2)<br>6SS2 (L2)          | Demonstrate the sum of interior angles of a quadrilateral is 360°                | 66.7             | 71.5<br>73.8             | 72.7                         |
| 6SS3 (L2)                       | Find the perimeter and area of a given polygon                                   | 45.2             | 59.9                     | 59.2                         |
| 6SS3 (L1)                       | Find the volume of a given rectangular prism                                     | 31.0             | 42.4                     | 43.1                         |
| 6SS4 (L1)                       | Identify a given triangle according to its angle measures                        | 59.5             | 61.1                     | 63.5                         |
| 6SS5 (L2)                       | Sort a given set of polygons according to given attributes                       | 59.5             | 55.9                     | 57.4                         |
|                                 | Identify congruent triangles   | 78.6             | 77.7                     | 77.1                         |
| 6SS4, 6SS5 (L1)<br>6SS8 (L1)    | Identify the coordinates of two given points on a Cartesian plane                | 78.6             | 68.2                     | 68.9                         |
| 6SS6 (L1)                       | Describe the combined transformations performed on a 2-D shape                   | 61.9             | 74.2                     | 74.4                         |
| 6SS9 (L1)                       | Describe the single transformation performed on a 2-D shape                      |                  |                          |                              |
| 6SS7 (L2)                       | Identify the successive transformation performed to create a design              | 81.0             | 79.1                     | 80.4                         |
|                                 |  | 73.8             | 66.7                     | 66.2                         |

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(Item Analysis: % of content answered correctly)

#### NLESD - Western Region

School #: 082 Pasadena Elementary School, Pasadena

| Grades: I | <b>&lt;-</b> 6 |
|-----------|----------------|
|-----------|----------------|

| Outcome(s)<br>Cognitive Level | Outcome Description  | School<br>[N=37] | <b>Region</b><br>[N=822] | <b>Province</b><br>[N=4,875] |
|-------------------------------|--|------------------|--------------------------|------------------------------|
| 0                             |  | []               |                          |                              |
| Number Concepts               |  | 50.0             | 05.0                     | 00.0                         |
| 6N1 (L1)                      | Identify the value of a digit in a given number                              | 52.8             | 65.8                     | 68.2                         |
| 6N1 (L2)                      | Demonstrate an understanding of place value through base ten representations | 33.3             | 42.7                     | 38.1                         |
| 6N5 (L1)                      | Write and interpret ratios comparing part-to-whole                           | 33.3             | 56.9                     | 59.7                         |
| 6N5 (L2)                      | Demonstrate an understanding of equivalent ratios                            | 38.9             | 45.0                     | 48.4                         |
| 6N6 (L1)                      | Demonstrate an understanding of percent as ratio                             | 41.7             | 47.2                     | 50.0                         |
| 6N6 (L3)                      | Demonstrate an understanding of percent as ratio                             | 77.8             | 83.4                     | 84.1                         |
| 6N3 (L2)                      | Distinguish between prime and composite numbers                              | 72.2             | 53.9                     | 54.8                         |
| 6N3 (L2)                      | Determine factors of a given number  | 47.2             | 68.9                     | 66.3                         |
| 6N4 (L1)                      | Place an improper fraction on a number line                                  | 22.2             | 33.3                     | 38.2                         |
| 6N7 (L3)                      | Select integer that best fits description                                    | 61.1             | 67.2                     | 71.9                         |
| Number Operations             |  |                  |                          |                              |
| 6N8 (L2)                      | Compute products of whole numbers and decimals                               | 72.2             | 81.0                     | 83.1                         |
| 6N2, 6N8 (L2)                 | Compute quotients of whole numbers and decimals                              | 61.1             | 62.3                     | 64.5                         |
| 6N8 (L3)                      | Place decimal in correct position in a product of whole numbers and decimals | 88.9             | 82.4                     | 83.8                         |
| 6N2, 6N8 (L2)                 | Solve a problem that involves division of decimals                           | 75.0             | 70.2                     | 71.0                         |
| 6N2, 6N8 (L2)                 | Solve a problem that involves multiplication of decimals                     | 58.3             | 60.9                     | 64.1                         |
| 6N2 (L2)                      | Estimate the solution to a subtraction problem                               | 58.3             | 50.3                     | 53.4                         |
| 6N2 (L3)                      | Determine number expression represented by base ten blocks                   | 52.8             | 56.3                     | 56.7                         |
| 6N9 (L3)                      | Apply the order of operations to solve a problem                             | 38.9             | 48.1                     | 50.1                         |
| 6N9 (L2)                      | Apply the order of operations to solve a problem                             | 19.4             | 44.9                     | 49.7                         |
| Patterns and Relations        |  |                  |                          |                              |
| 6PR1 (L2)                     | Identify the value of an unknown term in a table of values                   | 85.7             | 83.3                     | 84.2                         |
| 6PR1 (L3)                     | Identify an error in a given table of values                                 | 97.1             | 87.3                     | 87.9                         |
| 6PR1, 6PR3 (L2)               | Write a mathematical expression for a situation                              | 8.6              | 22.2                     | 24.4                         |
| 6PR3 (L2)                     | Represent a pattern rule using a simple mathematical expression              | 54.3             | 53.3                     | 53.5                         |
| 6PR3 (L2)                     | Extend a pattern that is shown on a line graph                               | 80.0             | 77.3                     | 75.9                         |
| 6PR4 (L2)                     | Identifying an equivalent equation for a given equation                      | 45.7             | 46.3                     | 50.3                         |
| 6PR4 (L2)                     | Identifying an equivalent equation for a given model                         | 28.6             | 23.9                     | 28.9                         |
| 6PR1, 6PR2 (L2)               | Determine a mathematical expression for a situation and a table of values    | 22.9             | 30.7                     | 31.9                         |
| Shape and Space               |  |                  |                          |                              |
| 6SS1 (L1)                     | Classify a given angle according to its measure                              | 71.4             | 80.8                     | 82.5                         |
| 6SS1 (L1)                     | Estimate the measure of an angle   | 82.9             | 85.0                     | 85.9                         |
| 6SS2 (L2)                     | Demonstrate the sum of interior angles of a triangle is 180°                 | 62.9             | 71.5                     | 72.7                         |
| 6SS2 (L2)                     | Demonstrate the sum of interior angles of a quadrilateral is 360°            | 68.6             | 73.8                     | 74.4                         |
| 6SS3 (L2)                     | Find the perimeter and area of a given polygon                               | 48.6             | 59.9                     | 59.2                         |
| 6SS3 (L1)                     | Find the volume of a given rectangular prism                                 | 14.3             | 42.4                     | 43.1                         |
| 6SS4 (L1)                     | Identify a given triangle according to its angle measures                    | 57.1             | 61.1                     | 63.5                         |
| 6SS5 (L2)                     | Sort a given set of polygons according to given attributes                   | 42.9             | 55.9                     | 57.4                         |
| 6SS4, 6SS5 (L1)               | Identify congruent triangles   | 88.6             | 77.7                     | 77.1                         |
| 6SS8 (L1)                     | Identify the coordinates of two given points on a Cartesian plane            | 57.1             | 68.2                     | 68.9                         |
| 6SS6 (L1)                     | Describe the combined transformations performed on a 2-D shape               | 71.4             | 74.2                     | 74.4                         |
| 6SS9 (L1)                     | Describe the single transformation performed on a 2-D shape                  | 77.1             | 79.1                     | 80.4                         |
| 6SS7 (L2)                     | Identify the successive transformations performed to create a design         | 77.1             | 66.7                     | 66.2                         |
|                               |  | •                | •                        | •                            |

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(Item Analysis: % of content answered correctly)

#### NLESD - Western Region

School #: 086 Gros Morne Academy, Rocky Harbour

| Grades: | K-12 |
|---------|------|
|---------|------|

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| Outcome(s)                          |  | School | Region  | Province  |
|-------------------------------------|--|--------|---------|-----------|
| Cognitive Level                     | Outcome Description  | [N=20] | [N=822] | [N=4,875] |
| Number Concepts                     |  |        |         |           |
| 6N1 (L1)                            | Identify the value of a digit in a given number  | 57.9   | 65.8    | 68.2      |
| 6N1 (L2)                            | Demonstrate an understanding of place value through base ten representations                         | 42.1   | 42.7    | 38.1      |
| 6N5 (L1)                            | Write and interpret ratios comparing part-to-whole   | 57.9   | 56.9    | 59.7      |
| 6N5 (L2)                            | Demonstrate an understanding of equivalent ratios  | 36.8   | 45.0    | 48.4      |
| 6N6 (L1)                            | Demonstrate an understanding of percent as ratio   | 52.6   | 47.2    | 50.0      |
| 6N6 (L3)                            | Demonstrate an understanding of percent as ratio   | 94.7   | 83.4    | 84.1      |
| 6N3 (L2)                            | Distinguish between prime and composite numbers  | 42.1   | 53.9    | 54.8      |
| 6N3 (L2)                            | Determine factors of a given number  | 57.9   | 68.9    | 66.3      |
| 6N4 (L1)                            | Place an improper fraction on a number line  | 21.1   | 33.3    | 38.2      |
| 6N7 (L3)                            | Select integer that best fits description  | 68.4   | 67.2    | 71.9      |
| Number Operations                   |  |        |         |           |
| 6N8 (L2)                            | Compute products of whole numbers and decimals   | 55.0   | 81.0    | 83.1      |
| 6N2, 6N8 (L2)                       | Compute quotients of whole numbers and decimals  | 65.0   | 62.3    | 64.5      |
| 6N8 (L3)                            | Place decimal in correct position in a product of whole numbers and decimals                         | 85.0   | 82.4    | 83.8      |
| 6N2, 6N8 (L2)                       | Solve a problem that involves division of decimals   | 70.0   | 70.2    | 71.0      |
| 6N2, 6N8 (L2)                       | Solve a problem that involves multiplication of decimals   | 65.0   | 60.9    | 64.1      |
| 6N2 (L2)                            | Estimate the solution to a subtraction problem   | 55.0   | 50.3    | 53.4      |
| 6N2 (L3)                            | Determine number expression represented by base ten blocks   | 50.0   | 56.3    | 56.7      |
| 6N9 (L3)                            |  | 45.0   | 48.1    | 50.1      |
| 6N9 (L2)                            | Apply the order of operations to solve a problem<br>Apply the order of operations to solve a problem | 35.0   | 44.9    | 49.7      |
| Patterns and Relations<br>6PR1 (L2) | Identify the value of an unknown term in a table of values   | 79.0   | 83.3    | 84.2      |
| 6PR1 (L3)                           | Identify an error in a given table of values   | 84.2   | 87.3    | 87.9      |
| 6PR1, 6PR3 (L2)                     | Write a mathematical expression for a situation  | 31.6   | 22.2    | 24.4      |
| 6PR3 (L2)                           | Represent a pattern rule using a simple mathematical expression                                      | 42.1   | 53.3    | 53.5      |
| 6PR3 (L2)                           | Extend a pattern that is shown on a line graph   | 68.4   | 77.3    | 75.9      |
| 6PR4 (L2)                           | Identifying an equivalent equation for a given equation  | 36.8   | 46.3    | 50.3      |
| 6PR4 (L2)                           | Identifying an equivalent equation for a given model   | 21.1   | 23.9    | 28.9      |
| 6PR1, 6PR2 (L2)                     | Determine a mathematical expression for a situation and a table of values                            | 26.3   | 30.7    | 31.9      |
| Shape and Space                     |  |        |         |           |
| 6SS1 (L1)                           | Classify a given angle according to its measure  | 84.2   | 80.8    | 82.5      |
| 6SS1 (L1)                           | Estimate the measure of an angle   | 79.0   | 85.0    | 85.9      |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a triangle is 180°   | 68.4   | 71.5    | 72.7      |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a quadrilateral is 360°                                    | 94.7   | 73.8    | 74.4      |
| 6SS3 (L2)                           | Find the perimeter and area of a given polygon   | 42.1   | 59.9    | 59.2      |
| 6SS3 (L1)                           | Find the volume of a given rectangular prism   | 47.4   | 42.4    | 43.1      |
| 6SS4 (L1)                           | Identify a given triangle according to its angle measures  | 73.7   | 61.1    | 63.5      |
| 6SS5 (L2)                           | Sort a given set of polygons according to given attributes   | 57.9   | 55.9    | 57.4      |
| 6SS4, 6SS5 (L1)                     | Identify congruent triangles   | 84.2   | 77.7    | 77.1      |
| 6SS8 (L1)                           | Identify the coordinates of two given points on a Cartesian plane                                    | 68.4   | 68.2    | 68.9      |
| 6SS6 (L1)                           | Describe the combined transformations performed on a 2-D shape                                       | 73.7   | 74.2    | 74.4      |
| 6SS9 (L1)                           | Describe the single transformation performed on a 2-D shape  | 89.5   | 79.1    | 80.4      |
| 6SS7 (L2)                           | Identify the successive transformations performed to create a design                                 | 57.9   | 66.7    | 66.2      |
|                                     | -  |        |         |           |

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# Elementary Mathematics Provincial Assessment, June 2014 School Report - Multiple Choice Items

(Item Analysis: % of content answered correctly)

#### NLESD - Western Region

School #: 088 Main River Academy, Pollard's Point Grades: K-12

| Cognitive Level   | Outcome Description   | School<br>[N=2]                        | <b>Region</b><br>[N=822]   | <b>Province</b><br>[N=4,875]   |
|---|---|--|--|--|
| Number Concepts   |   |  |  |  |
| 6N1 (L1)  | Identify the value of a digit in a given number   |  | 65.8   | 68.2   |
| 6N1 (L2)  | Demonstrate an understanding of place value through base ten representations  | School data                            | 42.7   | 38.1   |
| 6N5 (L1)  | Write and interpret ratios comparing part-to-whole  | with 5 or                              | 56.9   | 59.7   |
| 6N5 (L2)  | Demonstrate an understanding of equivalent ratios   | fewer                                  | 45.0   | 48.4   |
| 6N6 (L1)  | Demonstrate an understanding of percent as ratio  | students                               | 47.2   | 50.0   |
| 6N6 (L3)  | Demonstrate an understanding of percent as ratio  | withheld for reasons of                | 83.4   | 84.1   |
| 6N3 (L2)  | Distinguish between prime and composite numbers   | confidentiality                        | 53.9   | 54.8   |
| 6N3 (L2)  | Determine factors of a given number   |  | 68.9   | 66.3   |
| 6N4 (L1)  | Place an improper fraction on a number line   |  | 33.3   | 38.2   |
| 6N7 (L3)  | Select integer that best fits description   |  | 67.2   | 71.9   |
| Number Operations   |   |  |  |  |
| 6N8 (L2)  | Compute products of whole numbers and decimals  |  | 81.0   | 83.1   |
| 6N2, 6N8 (L2)   | Compute quotients of whole numbers and decimals   |  | 62.3   | 64.5   |
| 6N8 (L3)  | Place decimal in correct position in a product of whole numbers and decimals  |  | 82.4   | 83.8   |
| 6N2, 6N8 (L2)   | Solve a problem that involves division of decimals  |  | 70.2   | 71.0   |
| 6N2, 6N8 (L2)   | Solve a problem that involves multiplication of decimals  |  | 60.9   | 64.1   |
| 6N2 (L2)  | Estimate the solution to a subtraction problem  |  | 50.3   | 53.4   |
| 6N2 (L3)  | Determine number expression represented by base ten blocks  |  | 56.3   | 56.7   |
| 6N9 (L3)  | Apply the order of operations to solve a problem  |  | 48.1   | 50.1   |
| 6N9 (L2)  | Apply the order of operations to solve a problem  |  | 44.9   | 49.7   |
| Patterns and Relations  |   |  |  |  |
|   |   |  |  |  |
| 6PR1 (L2)   | Identify the value of an unknown term in a table of values  |  | 83.3   | 84.2   |
| 6PR1 (L2)<br>6PR1 (L3)  | Identify the value of an unknown term in a table of values<br>Identify an error in a given table of values  |  | 83.3<br>87.3   | 84.2<br>87.9   |
|   |   |  |  |  |
| 6PR1 (L3)   | Identify an error in a given table of values  |  | 87.3   | 87.9   |
| 6PR1 (L3)<br>6PR1, 6PR3 (L2)  | Identify an error in a given table of values<br>Write a mathematical expression for a situation   |  | 87.3<br>22.2   | 87.9<br>24.4   |
| 6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)   | Identify an error in a given table of values<br>Write a mathematical expression for a situation<br>Represent a pattern rule using a simple mathematical expression  |  | 87.3<br>22.2<br>53.3   | 87.9<br>24.4<br>53.5   |
| 6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)  | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph   |  | 87.3<br>22.2<br>53.3<br>77.3   | 87.9<br>24.4<br>53.5<br>75.9   |
| 6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)  | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation   |  | 87.3<br>22.2<br>53.3<br>77.3<br>46.3   | 87.9<br>24.4<br>53.5<br>75.9<br>50.3   |
| 6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>Shape and Space   | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values  |  | 87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7   | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9   |
| 6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br><b>Shape and Space</b><br>6SS1 (L1)   | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure  |  | 87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8   | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5   |
| 6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br><b>Shape and Space</b><br>6SS1 (L1)<br>6SS1 (L1)  | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle   |  | 87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0   | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9   |
| 6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br><b>Shape and Space</b><br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)   | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°  |  | 87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0<br>71.5   | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7   |
| 6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4, 6PR2 (L2)<br><b>Shape and Space</b><br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS2 (L2)   | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°  |  | 87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0<br>71.5<br>73.8   | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4   |
| 6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br><b>Shape and Space</b><br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS2 (L2)<br>6SS3 (L2)   | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon   |  | 87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0<br>71.5<br>73.8<br>59.9   | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2   |
| 6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br><b>Shape and Space</b><br>6SS1 (L1)<br>6SS2 (L2)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L1)   | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism  | 100.0                                  | 87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0<br>71.5<br>73.8<br>59.9<br>42.4                                 | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1   |
| 6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br><b>Shape and Space</b><br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L1)<br>6SS4 (L1)  | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures  | 100.0<br>50.0                          | 87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0<br>71.5<br>73.8<br>59.9<br>42.4<br>61.1                         | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1<br>63.5   |
| 6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br><b>Shape and Space</b><br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L1)<br>6SS4 (L1)<br>6SS5 (L2)   | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Pemonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to its angle measures         Sort a given set of polygons according to given attributes  | 100.0<br>50.0<br>50.0                  | 87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0<br>71.5<br>73.8<br>59.9<br>42.4<br>61.1<br>55.9                 | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1<br>63.5<br>57.4   |
| 6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br><b>Shape and Space</b><br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L2)<br>6SS3 (L1)<br>6SS4 (L1)<br>6SS5 (L2)<br>6SS4, 6SS5 (L1)             | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to its angle measures         Sort a given set of polygons according to given attributes         Identify congruent triangles   | 100.0<br>50.0<br>50.0<br>100.0         | 87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0<br>71.5<br>73.8<br>59.9<br>42.4<br>61.1<br>55.9<br>77.7         | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1<br>63.5<br>57.4<br>77.1   |
| 6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br><b>Shape and Space</b><br>6SS1 (L1)<br>6SS2 (L2)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L1)<br>6SS4 (L1)<br>6SS4 (L1)<br>6SS4 (SS5 (L1)<br>6SS8 (L1) | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to its angle measures         Sort a given set of polygons according to given attributes         Identify the coordinates of two given points on a Cartesian plane  | 100.0<br>50.0<br>50.0<br>100.0<br>50.0 | 87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0<br>71.5<br>73.8<br>59.9<br>42.4<br>61.1<br>55.9<br>77.7<br>68.2 | 87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5           57.4           77.1           68.9 |
| 6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br><b>Shape and Space</b><br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L1)<br>6SS4 (L1)<br>6SS4 (SS5 (L1)<br>6SS8 (L1)<br>6SS6 (L1)              | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to its angle measures         Sort a given set of polygons according to given attributes         Identify the coordinates of two given points on a Cartesian plane         Describe the combined transformations performed on a 2-D shape | 100.0<br>50.0<br>50.0<br>100.0         | 87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0<br>71.5<br>73.8<br>59.9<br>42.4<br>61.1<br>55.9<br>77.7         | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1<br>63.5<br>57.4<br>77.1   |
| 6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br><b>Shape and Space</b><br>6SS1 (L1)<br>6SS2 (L2)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L1)<br>6SS4 (L1)<br>6SS4 (L1)<br>6SS4 (SS5 (L1)<br>6SS8 (L1) | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to its angle measures         Sort a given set of polygons according to given attributes         Identify the coordinates of two given points on a Cartesian plane  | 100.0<br>50.0<br>50.0<br>100.0<br>50.0 | 87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0<br>71.5<br>73.8<br>59.9<br>42.4<br>61.1<br>55.9<br>77.7<br>68.2 | 87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5           57.4           77.1           68.9 |

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Source: Division of Evaluation and Research, Department of Education and Early Childhood Development Mushuau Innu Natuashish and Peenamin McKenzie School are excluded from district and provincial results.

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(Item Analysis: % of content answered correctly)

NLESD - Western Region

School #: 089 Jakeman All Grade, Trout River Grades: K-12

| Outcome(s)<br>Cognitive Level             | Outcome Description  | School<br>[N=6] | Region<br>[N=822] | <b>Province</b><br>[N=4,875] |
|---|--|-----------------|-------------------|------------------------------|
| Number Concepts                           |  |                 |                   |                              |
| 6N1 (L1)                                  | Identify the value of a digit in a given number                              | 100.0           | 65.8              | 68.2                         |
| 6N1 (L2)                                  | Demonstrate an understanding of place value through base ten representations | 66.7            | 42.7              | 38.1                         |
| 6N5 (L1)                                  | Write and interpret ratios comparing part-to-whole                           | 83.3            | 56.9              | 59.7                         |
| 6N5 (L2)                                  | Demonstrate an understanding of equivalent ratios                            | 66.7            | 45.0              | 48.4                         |
| 6N6 (L1)                                  | Demonstrate an understanding of percent as ratio                             | 66.7            | 47.2              | 50.0                         |
| 6N6 (L3)                                  | Demonstrate an understanding of percent as ratio                             | 100.0           | 83.4              | 84.1                         |
| 6N3 (L2)                                  | Distinguish between prime and composite numbers                              | 33.3            | 53.9              | 54.8                         |
| 6N3 (L2)                                  | Determine factors of a given number  | 83.3            | 68.9              | 66.3                         |
| 6N4 (L1)                                  | Place an improper fraction on a number line                                  | 33.3            | 33.3              | 38.2                         |
| 6N7 (L3)                                  | Select integer that best fits description                                    | 83.3            | 67.2              | 71.9                         |
| Number Operations                         |  |                 |                   |                              |
| 6N8 (L2)                                  | Compute products of whole numbers and decimals                               | 83.3            | 81.0              | 83.1                         |
| 6N2, 6N8 (L2)                             | Compute quotients of whole numbers and decimals                              | 66.7            | 62.3              | 64.5                         |
| 6N8 (L3)                                  | Place decimal in correct position in a product of whole numbers and decimals | 100.0           | 82.4              | 83.8                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves division of decimals                           | 100.0           | 70.2              | 71.0                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves multiplication of decimals                     | 66.7            | 60.9              | 64.1                         |
| 6N2 (L2)                                  | Estimate the solution to a subtraction problem                               | 50.0            | 50.3              | 53.4                         |
| 6N2 (L3)                                  | Determine number expression represented by base ten blocks                   | 50.0            | 56.3              | 56.7                         |
| 6N9 (L3)                                  | Apply the order of operations to solve a problem                             | 50.0            | 48.1              | 50.1                         |
| 6N9 (L2)                                  | Apply the order of operations to solve a problem                             | 50.0            | 44.9              | 49.7                         |
| Patterns and Relations                    |  |                 |                   |                              |
| 6PR1 (L2)                                 | Identify the value of an unknown term in a table of values                   | 83.3            | 83.3              | 84.2                         |
| 6PR1 (L3)                                 | Identify an error in a given table of values                                 | 100.0           | 87.3              | 87.9                         |
| 6PR1, 6PR3 (L2)                           | Write a mathematical expression for a situation                              | 16.7            | 22.2              | 24.4                         |
| 6PR3 (L2)                                 | Represent a pattern rule using a simple mathematical expression              | 16.7            | 53.3              | 53.5                         |
| 6PR3 (L2)                                 | Extend a pattern that is shown on a line graph                               | 66.7            | 77.3              | 75.9                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given equation                      | 50.0            | 46.3              | 50.3                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given model                         | 33.3            | 23.9              | 28.9                         |
| 6PR1, 6PR2 (L2)<br><u>Shape and Space</u> | Determine a mathematical expression for a situation and a table of values    | 0.0             | 30.7              | 31.9                         |
| 6SS1 (L1)                                 | Classify a given angle according to its measure                              | 100.0           | 80.8              | 82.5                         |
| 6SS1 (L1)                                 | Estimate the measure of an angle   | 100.0           | 85.0              | 85.9                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a triangle is 180°                 | 83.3            | 71.5              | 72.7                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a quadrilateral is 360°            | 66.7            | 73.8              | 74.4                         |
| 6SS3 (L2)                                 | Find the perimeter and area of a given polygon                               | 66.7            | 59.9              | 59.2                         |
| 6SS3 (L1)                                 | Find the volume of a given rectangular prism                                 | 66.7            | 42.4              | 43.1                         |
| 6SS4 (L1)                                 | Identify a given triangle according to its angle measures                    | 50.0            | 61.1              | 63.5                         |
| 6SS5 (L2)                                 | Sort a given set of polygons according to given attributes                   | 100.0           | 55.9              | 57.4                         |
| . ,                                       | Identify congruent triangles   | 100.0           | 77.7              | 77.1                         |
| 6SS4, 6SS5 (L1)<br>6SS8 (L1)              | Identify the coordinates of two given points on a Cartesian plane            | 50.0            | 68.2              | 68.9                         |
| 6SS6 (L1)                                 | Describe the combined transformations performed on a 2-D shape               | 100.0           | 74.2              | 74.4                         |
| 6SS6 (L1)<br>6SS9 (L1)                    | Describe the single transformation performed on a 2-D shape                  |                 |                   |                              |
|   |  | 83.3            | 79.1              | 80.4                         |
| 6SS7 (L2)                                 | Identify the successive transformations performed to create a design         | 50.0            | 66.7              | 66.2                         |

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## Elementary Mathematics Provincial Assessment, June 2014 School Report - Multiple Choice Items

(Item Analysis: % of content answered correctly)

NLESD - Western Region

School #: 091 Burgeo Academy, Burgeo Grades: K-12

| Outcome(s)<br>Cognitive Level    | Outcome Description  | School<br>[N=10] | <b>Region</b><br>[N=822] | <b>Province</b><br>[N=4,875] |
|----------------------------------|--|------------------|--------------------------|------------------------------|
| Number Concepts                  |  |                  |                          |                              |
| 6N1 (L1)                         | Identify the value of a digit in a given number  | 40.0             | 65.8                     | 68.2                         |
| 6N1 (L2)                         | Demonstrate an understanding of place value through base ten representations                                 | 60.0             | 42.7                     | 38.1                         |
| 6N5 (L1)                         | Write and interpret ratios comparing part-to-whole   | 80.0             | 56.9                     | 59.7                         |
| 6N5 (L2)                         | Demonstrate an understanding of equivalent ratios  | 60.0             | 45.0                     | 48.4                         |
| 6N6 (L1)                         | Demonstrate an understanding of percent as ratio   | 40.0             | 47.2                     | 50.0                         |
| 6N6 (L3)                         | Demonstrate an understanding of percent as ratio   | 90.0             | 83.4                     | 84.1                         |
| 6N3 (L2)                         | Distinguish between prime and composite numbers  | 90.0             | 53.9                     | 54.8                         |
| 6N3 (L2)                         | Determine factors of a given number  | 80.0             | 68.9                     | 66.3                         |
| 6N4 (L1)                         | Place an improper fraction on a number line  | 10.0             | 33.3                     | 38.2                         |
| 6N7 (L3)                         | Select integer that best fits description  | 90.0             | 67.2                     | 71.9                         |
| Number Operations                |  |                  |                          |                              |
| 6N8 (L2)                         | Compute products of whole numbers and decimals   | 90.0             | 81.0                     | 83.1                         |
| 6N2, 6N8 (L2)                    | Compute quotients of whole numbers and decimals  | 80.0             | 62.3                     | 64.5                         |
| 6N8 (L3)                         | Place decimal in correct position in a product of whole numbers and decimals                                 | 100.0            | 82.4                     | 83.8                         |
| 6N2, 6N8 (L2)                    | Solve a problem that involves division of decimals   | 90.0             | 70.2                     | 71.0                         |
| 6N2, 6N8 (L2)                    | Solve a problem that involves multiplication of decimals   | 60.0             | 60.9                     | 64.1                         |
| 6N2 (L2)                         | Estimate the solution to a subtraction problem   | 50.0             | 50.3                     | 53.4                         |
| 6N2 (L3)                         | Determine number expression represented by base ten blocks   | 60.0             | 56.3                     | 56.7                         |
| 6N9 (L3)                         | Apply the order of operations to solve a problem   | 40.0             | 48.1                     | 50.1                         |
| 6N9 (L2)                         | Apply the order of operations to solve a problem   | 50.0             | 44.9                     | 49.7                         |
| Patterns and Relations 6PR1 (L2) | Identify the value of an unknown term in a table of values   | 100.0            | 83.3                     | 84.2                         |
| 6PR1 (L3)                        | Identify an error in a given table of values   | 90.0             | 87.3                     | 87.9                         |
|                                  |  |                  |                          |                              |
| 6PR1, 6PR3 (L2)                  | Write a mathematical expression for a situation  | 50.0             | 22.2                     | 24.4                         |
| 6PR3 (L2)                        | Represent a pattern rule using a simple mathematical expression  | 80.0             | 53.3<br>77.3             | 53.5<br>75.9                 |
| 6PR3 (L2)<br>6PR4 (L2)           | Extend a pattern that is shown on a line graph   | 90.0             | 46.3                     | 50.3                         |
| 6PR4 (L2)                        | Identifying an equivalent equation for a given equation Identifying an equivalent equation for a given model | 40.0             | 23.9                     | 28.9                         |
| 6PR1, 6PR2 (L2)                  | Determine a mathematical expression for a situation and a table of values                                    | 60.0             | 30.7                     | 31.9                         |
| Shape and Space                  |  |                  |                          |                              |
| 6SS1 (L1)                        | Classify a given angle according to its measure  | 90.0             | 80.8                     | 82.5                         |
| 6SS1 (L1)                        | Estimate the measure of an angle   | 70.0             | 85.0                     | 85.9                         |
| 6SS2 (L2)                        | Demonstrate the sum of interior angles of a triangle is 180°   | 90.0             | 71.5                     | 72.7                         |
| 6SS2 (L2)                        | Demonstrate the sum of interior angles of a quadrilateral is 360°  | 90.0             | 73.8                     | 74.4                         |
| 6SS3 (L2)                        | Find the perimeter and area of a given polygon   | 90.0             | 59.9                     | 59.2                         |
| 6SS3 (L1)                        | Find the volume of a given rectangular prism   | 50.0             | 42.4                     | 43.1                         |
| 6SS4 (L1)                        | Identify a given triangle according to its angle measures  | 90.0             | 61.1                     | 63.5                         |
| 6SS5 (L2)                        | Sort a given set of polygons according to given attributes   | 50.0             | 55.9                     | 57.4                         |
| 6SS4, 6SS5 (L1)                  | Identify congruent triangles   | 100.0            | 77.7                     | 77.1                         |
| 6SS8 (L1)                        | Identify the coordinates of two given points on a Cartesian plane  | 90.0             | 68.2                     | 68.9                         |
| 6SS6 (L1)                        | Describe the combined transformations performed on a 2-D shape   | 100.0            | 74.2                     | 74.4                         |
| 6SS9 (L1)                        | Describe the single transformation performed on a 2-D shape  |                  |                          |                              |
| 6SS7 (L2)                        | Identify the successive transformations performed to create a design   | 100.0            | 79.1                     | 80.4                         |
|                                  | ועטווונע ער שעטער איז  | 80.0             | 66.7                     | 66.2                         |

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Source: Division of Evaluation and Research, Department of Education and Early Childhood Development

L1 - Knowledge / Comprehension; L2 - Application; L3 - Analysis



(Item Analysis: % of content answered correctly)

#### NLESD - Western Region

School #: 092 Grandy's River Collegiate, Burnt Islands Grades: K-12

| Outcome(s)<br>Cognitive Level  | Outcome Description   | School<br>[N=5]                                  | <b>Region</b><br>[N=822]  | <b>Province</b><br>[N=4,875]  |
|--|---|--|---|---|
| Number Concepts  |   |  |   |   |
| 6N1 (L1)   | Identify the value of a digit in a given number   |  | 65.8  | 68.2  |
| 6N1 (L2)   | Demonstrate an understanding of place value through base ten representations  | School data                                      | 42.7  | 38.1  |
| 6N5 (L1)   | Write and interpret ratios comparing part-to-whole  | with 5 or  | 56.9  | 59.7  |
| 6N5 (L2)   | Demonstrate an understanding of equivalent ratios   | fewer  | 45.0  | 48.4  |
| 6N6 (L1)   | Demonstrate an understanding of percent as ratio  | students   | 47.2  | 50.0  |
| 6N6 (L3)   | Demonstrate an understanding of percent as ratio  | withheld for                                     | 83.4  | 84.1  |
| 6N3 (L2)   | Distinguish between prime and composite numbers   | reasons of confidentiality                       | 53.9  | 54.8  |
| 6N3 (L2)   | Determine factors of a given number   |  | 68.9  | 66.3  |
| 6N4 (L1)   | Place an improper fraction on a number line   |  | 33.3  | 38.2  |
| 6N7 (L3)   | Select integer that best fits description   |  | 67.2  | 71.9  |
| Number Operations  |   |  |   |   |
| 6N8 (L2)   | Compute products of whole numbers and decimals  |  | 81.0  | 83.1  |
| 6N2, 6N8 (L2)  | Compute quotients of whole numbers and decimals   |  | 62.3  | 64.5  |
| 6N8 (L3)   | Place decimal in correct position in a product of whole numbers and decimals  |  | 82.4  | 83.8  |
| 6N2, 6N8 (L2)  | Solve a problem that involves division of decimals  |  | 70.2  | 71.0  |
| 6N2, 6N8 (L2)  | Solve a problem that involves multiplication of decimals  |  | 60.9  | 64.1  |
| 6N2 (L2)   | Estimate the solution to a subtraction problem  |  | 50.3  | 53.4  |
| 6N2 (L3)   | Determine number expression represented by base ten blocks  |  | 56.3  | 56.7  |
| 6N9 (L3)   | Apply the order of operations to solve a problem  |  | 48.1  | 50.1  |
| 6N9 (L2)   | Apply the order of operations to solve a problem  |  | 44.9  | 49.7  |
| Patterns and Relations   |   |  |   |   |
| 0004 (1.0)   |   |  |   |   |
| 6PR1 (L2)  | Identify the value of an unknown term in a table of values  |  | 83.3  | 84.2  |
| 6PR1 (L2)<br>6PR1 (L3)   | Identify the value of an unknown term in a table of values<br>Identify an error in a given table of values  |  | 83.3<br>87.3  | 84.2<br>87.9  |
|  |   |  |   |   |
| 6PR1 (L3)  | Identify an error in a given table of values  |  | 87.3  | 87.9  |
| 6PR1 (L3)<br>6PR1, 6PR3 (L2)   | Identify an error in a given table of values<br>Write a mathematical expression for a situation   |  | 87.3<br>22.2  | 87.9<br>24.4  |
| 6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)  | Identify an error in a given table of values<br>Write a mathematical expression for a situation<br>Represent a pattern rule using a simple mathematical expression  |  | 87.3<br>22.2<br>53.3  | 87.9<br>24.4<br>53.5  |
| 6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)   | Identify an error in a given table of values<br>Write a mathematical expression for a situation<br>Represent a pattern rule using a simple mathematical expression<br>Extend a pattern that is shown on a line graph  |  | 87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9  | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9  |
| 6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)  | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation   |  | 87.3<br>22.2<br>53.3<br>77.3<br>46.3  | 87.9<br>24.4<br>53.5<br>75.9<br>50.3  |
| 6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>Shape and Space  | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values  |  | 87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7  | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9  |
| 6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br><b>Shape and Space</b><br>6SS1 (L1)  | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure  |  | 87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8  | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5  |
| 6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br><b>Shape and Space</b><br>6SS1 (L1)<br>6SS1 (L1)  | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle   |  | 87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0  | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9  |
| 6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br><b>Shape and Space</b><br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)  | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°  |  | 87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0<br>71.5  | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7  |
| 6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br><b>Shape and Space</b><br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS2 (L2)   | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°  |  | 87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>80.8<br>85.0<br>71.5<br>73.8  | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4  |
| 6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br><b>Shape and Space</b><br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS3 (L2)   | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon   | 80.0<br>80.0                                     | 87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0<br>71.5<br>73.8<br>59.9  | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2  |
| 6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br><b>Shape and Space</b><br>6SS1 (L1)<br>6SS2 (L2)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L1)  | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism  | 80.0   | 87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0<br>71.5<br>73.8<br>59.9<br>42.4  | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1  |
| 6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br><b>Shape and Space</b><br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L1)<br>6SS4 (L1)  | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures  | 80.0<br>80.0                                     | 87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0<br>71.5<br>73.8<br>59.9<br>42.4<br>61.1  | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1<br>63.5  |
| 6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br><b>Shape and Space</b><br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L1)<br>6SS3 (L1)<br>6SS4 (L1)  | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to its angle measures         Sort a given set of polygons according to given attributes  | 80.0<br>80.0<br>100.0                            | 87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0<br>71.5<br>73.8<br>59.9<br>42.4<br>61.1<br>55.9  | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1<br>63.5<br>57.4  |
| 6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br><b>Shape and Space</b><br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L1)<br>6SS4 (L1)<br>6SS5 (L2)<br>6SS5 (L2)                           | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to its angle measures         Sort a given set of polygons according to given attributes         Identify congruent triangles   | 80.0<br>80.0<br>100.0<br>100.0                   | 87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0<br>71.5<br>73.8<br>59.9<br>42.4<br>61.1<br>55.9<br>77.7  | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1<br>63.5<br>57.4<br>77.1  |
| 6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br><b>Shape and Space</b><br>6SS1 (L1)<br>6SS2 (L2)<br>6SS3 (L1)<br>6SS3 (L2)<br>6SS3 (L1)<br>6SS4 (L1)<br>6SS5 (L2)<br>6SS5 (L2)<br>6SS8 (L1)              | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to given attributes         Identify the coordinates of two given points on a Cartesian plane   | 80.0<br>80.0<br>100.0<br>100.0<br>100.0          | 87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0<br>71.5<br>73.8<br>59.9<br>42.4<br>61.1<br>55.9<br>77.7<br>68.2  | 87.9         24.4         53.5         75.9         50.3         28.9         31.9         82.5         85.9         72.7         74.4         59.2         43.1         63.5         57.4         77.1         68.9              |
| 6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br><b>Shape and Space</b><br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L2)<br>6SS3 (L1)<br>6SS4 (L1)<br>6SS4 (L1)<br>6SS8 (L1)<br>6SS6 (L1) | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to its angle measures         Sort a given set of polygons according to given attributes         Identify the coordinates of two given points on a Cartesian plane         Describe the combined transformations performed on a 2-D shape | 80.0<br>80.0<br>100.0<br>100.0<br>100.0<br>100.0 | 87.3         22.2         53.3         77.3         46.3         23.9         30.7         80.8         85.0         71.5         73.8         59.9         42.4         61.1         55.9         77.7         68.2         74.2 | 87.9         24.4         53.5         75.9         50.3         28.9         31.9         82.5         85.9         72.7         74.4         59.2         43.1         63.5         57.4         77.1         68.9         74.4 |
| 6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br><b>Shape and Space</b><br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L1)<br>6SS4 (L1)<br>6SS4 (L1)<br>6SS5 (L2)<br>6SS8 (L1)              | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to given attributes         Identify the coordinates of two given points on a Cartesian plane   | 80.0<br>80.0<br>100.0<br>100.0<br>100.0          | 87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0<br>71.5<br>73.8<br>59.9<br>42.4<br>61.1<br>55.9<br>77.7<br>68.2  | 87.9         24.4         53.5         75.9         50.3         28.9         31.9         82.5         85.9         72.7         74.4         59.2         43.1         63.5         57.4         77.1         68.9              |

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(Item Analysis: % of content answered correctly)

#### NLESD - Western Region

School #: 096 Our Lady of the Cape School, Cape St. George Grades: K-8

| Outcome(s)<br>Cognitive Level             | Outcome Description  | School<br>[N=4]         | <b>Region</b><br>[N=822] | <b>Province</b><br>[N=4,875] |
|---|--|-------------------------|--------------------------|------------------------------|
| Number Concepts                           |  |                         |                          |                              |
| 6N1 (L1)                                  | Identify the value of a digit in a given number                              |                         | 65.8                     | 68.2                         |
| 6N1 (L2)                                  | Demonstrate an understanding of place value through base ten representations | School data             | 42.7                     | 38.1                         |
| 6N5 (L1)                                  | Write and interpret ratios comparing part-to-whole                           | with 5 or               | 56.9                     | 59.7                         |
| 6N5 (L2)                                  | Demonstrate an understanding of equivalent ratios                            | fewer                   | 45.0                     | 48.4                         |
| 6N6 (L1)                                  | Demonstrate an understanding of percent as ratio                             | students                | 47.2                     | 50.0                         |
| 6N6 (L3)                                  | Demonstrate an understanding of percent as ratio                             | withheld for reasons of | 83.4                     | 84.1                         |
| 6N3 (L2)                                  | Distinguish between prime and composite numbers                              | confidentiality         | 53.9                     | 54.8                         |
| 6N3 (L2)                                  | Determine factors of a given number  |                         | 68.9                     | 66.3                         |
| 6N4 (L1)                                  | Place an improper fraction on a number line                                  |                         | 33.3                     | 38.2                         |
| 6N7 (L3)                                  | Select integer that best fits description                                    |                         | 67.2                     | 71.9                         |
| Number Operations                         |  |                         |                          |                              |
| 6N8 (L2)                                  | Compute products of whole numbers and decimals                               |                         | 81.0                     | 83.1                         |
| 6N2, 6N8 (L2)                             | Compute quotients of whole numbers and decimals                              |                         | 62.3                     | 64.5                         |
| 6N8 (L3)                                  | Place decimal in correct position in a product of whole numbers and decimals |                         | 82.4                     | 83.8                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves division of decimals                           |                         | 70.2                     | 71.0                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves multiplication of decimals                     |                         | 60.9                     | 64.1                         |
| 6N2 (L2)                                  | Estimate the solution to a subtraction problem                               |                         | 50.3                     | 53.4                         |
| 6N2 (L3)                                  | Determine number expression represented by base ten blocks                   |                         | 56.3                     | 56.7                         |
| 6N9 (L3)                                  | Apply the order of operations to solve a problem                             |                         | 48.1                     | 50.1                         |
| 6N9 (L2)                                  | Apply the order of operations to solve a problem                             |                         | 44.9                     | 49.7                         |
| Patterns and Relations                    |  |                         |                          |                              |
| 6PR1 (L2)                                 | Identify the value of an unknown term in a table of values                   |                         | 83.3                     | 84.2                         |
| 6PR1 (L3)                                 | Identify an error in a given table of values                                 |                         | 87.3                     | 87.9                         |
| 6PR1, 6PR3 (L2)                           | Write a mathematical expression for a situation                              |                         | 22.2                     | 24.4                         |
| 6PR3 (L2)                                 | Represent a pattern rule using a simple mathematical expression              |                         | 53.3                     | 53.5                         |
| 6PR3 (L2)                                 | Extend a pattern that is shown on a line graph                               |                         | 77.3                     | 75.9                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given equation                      |                         | 46.3                     | 50.3                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given model                         |                         | 23.9                     | 28.9                         |
| 6PR1, 6PR2 (L2)<br><u>Shape and Space</u> | Determine a mathematical expression for a situation and a table of values    |                         | 30.7                     | 31.9                         |
| 6SS1 (L1)                                 | Classify a given angle according to its measure                              |                         | 80.8                     | 82.5                         |
| 6SS1 (L1)                                 | Estimate the measure of an angle   |                         | 85.0                     | 85.9                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a triangle is 180°                 |                         | 71.5                     | 72.7                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a quadrilateral is 360°            |                         | 73.8                     | 74.4                         |
| 6SS3 (L2)                                 | Find the perimeter and area of a given polygon                               | 100.0                   | 59.9                     | 59.2                         |
| 6SS3 (L1)                                 | Find the volume of a given rectangular prism                                 | 50.0                    | 42.4                     | 43.1                         |
| 6SS4 (L1)                                 | Identify a given triangle according to its angle measures                    | 75.0                    | 61.1                     | 63.5                         |
| 6SS5 (L2)                                 | Sort a given set of polygons according to given attributes                   | 50.0                    | 55.9                     | 57.4                         |
| 6SS4, 6SS5 (L1)                           | Identify congruent triangles   | 100.0                   | 77.7                     | 77.1                         |
| 6SS8 (L1)                                 | Identify the coordinates of two given points on a Cartesian plane            | 0.0                     | 68.2                     | 68.9                         |
| 6SS6 (L1)                                 | Describe the combined transformations performed on a 2-D shape               | 100.0                   | 74.2                     | 74.4                         |
| 6SS9 (L1)                                 | Describe the single transformation performed on a 2-D shape                  |                         |                          |                              |
|   |  | 100.0                   | 79.1                     | 80.4                         |
| 6SS7 (L2)                                 | Identify the successive transformations performed to create a design         | 100.0                   | 66.7                     | 66.2                         |

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(Item Analysis: % of content answered correctly)

#### NLESD - Western Region

School #: 097 St. James' Elementary, Channel-Port Aux Basques

| Grades: | K-6 |
|---------|-----|
|---------|-----|

| Outcome(s)<br>Cognitive Level       | Outcome Description   | School<br>[N=52] | <b>Region</b><br>[N=822] | <b>Province</b><br>[N=4,875] |
|-------------------------------------|---|------------------|--------------------------|------------------------------|
| Number Concepts                     |   |                  |                          |                              |
| 6N1 (L1)                            | Identify the value of a digit in a given number   | 38.0             | 65.8                     | 68.2                         |
| 6N1 (L2)                            | Demonstrate an understanding of place value through base ten representations                              | 20.0             | 42.7                     | 38.1                         |
| 6N5 (L1)                            | Write and interpret ratios comparing part-to-whole  | 62.0             | 56.9                     | 59.7                         |
| 6N5 (L2)                            | Demonstrate an understanding of equivalent ratios   | 32.0             | 45.0                     | 48.4                         |
| 6N6 (L1)                            | Demonstrate an understanding of percent as ratio  | 50.0             | 47.2                     | 50.0                         |
| 6N6 (L3)                            | Demonstrate an understanding of percent as ratio  | 86.0             | 83.4                     | 84.1                         |
| 6N3 (L2)                            | Distinguish between prime and composite numbers   | 52.0             | 53.9                     | 54.8                         |
| 6N3 (L2)                            | Determine factors of a given number   | 74.0             | 68.9                     | 66.3                         |
| 6N4 (L1)                            | Place an improper fraction on a number line   | 34.0             | 33.3                     | 38.2                         |
| 6N7 (L3)                            | Select integer that best fits description   | 60.0             | 67.2                     | 71.9                         |
| Number Operations                   |   |                  |                          |                              |
| 6N8 (L2)                            | Compute products of whole numbers and decimals  | 92.3             | 81.0                     | 83.1                         |
| 6N2, 6N8 (L2)                       | Compute quotients of whole numbers and decimals   | 73.1             | 62.3                     | 64.5                         |
| 6N8 (L3)                            | Place decimal in correct position in a product of whole numbers and decimals                              | 86.5             | 82.4                     | 83.8                         |
| 6N2, 6N8 (L2)                       | Solve a problem that involves division of decimals  | 78.9             | 70.2                     | 71.0                         |
| 6N2, 6N8 (L2)                       | Solve a problem that involves multiplication of decimals  | 59.6             | 60.9                     | 64.1                         |
| 6N2 (L2)                            | Estimate the solution to a subtraction problem  | 50.0             | 50.3                     | 53.4                         |
| 6N2 (L3)                            | Determine number expression represented by base ten blocks  | 55.8             | 56.3                     | 56.7                         |
| 6N9 (L3)                            | Apply the order of operations to solve a problem  | 46.2             | 48.1                     | 50.1                         |
| 6N9 (L2)                            | Apply the order of operations to solve a problem  | 55.8             | 44.9                     | 49.7                         |
| Patterns and Relations<br>6PR1 (L2) | Identify the value of an unknown term in a table of values  | 82.4             | 83.3                     | 84.2                         |
| 6PR1 (L2)                           | Identify an error in a given table of values  |                  |                          | -                            |
|                                     |   | 94.1             | 87.3                     | 87.9                         |
| 6PR1, 6PR3 (L2)                     | Write a mathematical expression for a situation   | 13.7             | 22.2                     | 24.4                         |
| 6PR3 (L2)                           | Represent a pattern rule using a simple mathematical expression   | 37.3             | 53.3                     | 53.5                         |
| 6PR3 (L2)                           | Extend a pattern that is shown on a line graph<br>Identifying an equivalent equation for a given equation | 68.6             | 77.3<br>46.3             | 75.9<br>50.3                 |
| 6PR4 (L2)<br>6PR4 (L2)              | Identifying an equivalent equation for a given reduction  | 29.4             | 23.9                     | 28.9                         |
| 6PR1, 6PR2 (L2)                     | Determine a mathematical expression for a situation and a table of values                                 | 25.5             | 30.7                     | 31.9                         |
| Shape and Space                     |   |                  |                          |                              |
| 6SS1 (L1)                           | Classify a given angle according to its measure   | 92.2             | 80.8                     | 82.5                         |
| 6SS1 (L1)                           | Estimate the measure of an angle  | 86.3             | 85.0                     | 85.9                         |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a triangle is 180°  | 76.5             | 71.5                     | 72.7                         |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a quadrilateral is 360°   | 78.4             | 73.8                     | 74.4                         |
| 6SS3 (L2)                           | Find the perimeter and area of a given polygon  | 56.9             | 59.9                     | 59.2                         |
| 6SS3 (L1)                           | Find the volume of a given rectangular prism  | 52.9             | 42.4                     | 43.1                         |
| 6SS4 (L1)                           | Identify a given triangle according to its angle measures   | 74.5             | 61.1                     | 63.5                         |
| 6SS5 (L2)                           | Sort a given set of polygons according to given attributes  | 56.9             | 55.9                     | 57.4                         |
| 6SS4, 6SS5 (L1)                     | Identify congruent triangles  | 82.4             | 77.7                     | 77.1                         |
| 6SS8 (L1)                           | Identify the coordinates of two given points on a Cartesian plane   | 82.4             | 68.2                     | 68.9                         |
| 6SS6 (L1)                           | Describe the combined transformations performed on a 2-D shape  | 82.4             | 74.2                     | 74.4                         |
| 6SS9 (L1)                           | Describe the single transformation performed on a 2-D shape   | 84.3             | 79.1                     | 80.4                         |
| 6SS7 (L2)                           | Identify the successive transformations performed to create a design                                      | 64.7             | 66.7                     | 66.2                         |
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(Item Analysis: % of content answered correctly)

#### NLESD - Western Region

School #: 103 LeGallais Memorial, Isle aux Morts Grades: K-9

| Outcome(s)<br>Cognitive Level             | Outcome Description  | School<br>[N=12] | Region<br>[N=822] | <b>Province</b><br>[N=4,875] |
|---|--|------------------|-------------------|------------------------------|
| Number Concepts                           |  |                  |                   |                              |
| 6N1 (L1)                                  | Identify the value of a digit in a given number                              | 81.8             | 65.8              | 68.2                         |
| 6N1 (L2)                                  | Demonstrate an understanding of place value through base ten representations | 63.6             | 42.7              | 38.1                         |
| 6N5 (L1)                                  | Write and interpret ratios comparing part-to-whole                           | 63.6             | 56.9              | 59.7                         |
| 6N5 (L2)                                  | Demonstrate an understanding of equivalent ratios                            | 54.6             | 45.0              | 48.4                         |
| 6N6 (L1)                                  | Demonstrate an understanding of percent as ratio                             | 63.6             | 47.2              | 50.0                         |
| 6N6 (L3)                                  | Demonstrate an understanding of percent as ratio                             | 81.8             | 83.4              | 84.1                         |
| 6N3 (L2)                                  | Distinguish between prime and composite numbers                              | 54.6             | 53.9              | 54.8                         |
| 6N3 (L2)                                  | Determine factors of a given number  | 81.8             | 68.9              | 66.3                         |
| 6N4 (L1)                                  | Place an improper fraction on a number line                                  | 9.1              | 33.3              | 38.2                         |
| 6N7 (L3)                                  | Select integer that best fits description                                    | 63.6             | 67.2              | 71.9                         |
| Number Operations                         |  |                  |                   |                              |
| 6N8 (L2)                                  | Compute products of whole numbers and decimals                               | 81.8             | 81.0              | 83.1                         |
| 6N2, 6N8 (L2)                             | Compute quotients of whole numbers and decimals                              | 54.6             | 62.3              | 64.5                         |
| 6N8 (L3)                                  | Place decimal in correct position in a product of whole numbers and decimals | 100.0            | 82.4              | 83.8                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves division of decimals                           | 72.7             | 70.2              | 71.0                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves multiplication of decimals                     | 54.6             | 60.9              | 64.1                         |
| 6N2 (L2)                                  | Estimate the solution to a subtraction problem                               | 81.8             | 50.3              | 53.4                         |
| 6N2 (L3)                                  | Determine number expression represented by base ten blocks                   | 72.7             | 56.3              | 56.7                         |
| 6N9 (L3)                                  | Apply the order of operations to solve a problem                             | 63.6             | 48.1              | 50.1                         |
| 6N9 (L2)                                  | Apply the order of operations to solve a problem                             | 72.7             | 44.9              | 49.7                         |
| Patterns and Relations                    |  |                  |                   |                              |
| 6PR1 (L2)                                 | Identify the value of an unknown term in a table of values                   | 100.0            | 83.3              | 84.2                         |
| 6PR1 (L3)                                 | Identify an error in a given table of values                                 | 91.7             | 87.3              | 87.9                         |
| 6PR1, 6PR3 (L2)                           | Write a mathematical expression for a situation                              | 8.3              | 22.2              | 24.4                         |
| 6PR3 (L2)                                 | Represent a pattern rule using a simple mathematical expression              | 50.0             | 53.3              | 53.5                         |
| 6PR3 (L2)                                 | Extend a pattern that is shown on a line graph                               | 91.7             | 77.3              | 75.9                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given equation                      | 25.0             | 46.3              | 50.3                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given model                         | 8.3              | 23.9              | 28.9                         |
| 6PR1, 6PR2 (L2)<br><u>Shape and Space</u> | Determine a mathematical expression for a situation and a table of values    | 25.0             | 30.7              | 31.9                         |
| 6SS1 (L1)                                 | Classify a given angle according to its measure                              | 75.0             | 80.8              | 82.5                         |
| 6SS1 (L1)                                 | Estimate the measure of an angle   | 83.3             | 85.0              | 85.9                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a triangle is 180°                 | 58.3             | 71.5              | 72.7                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a quadrilateral is 360°            | 75.0             | 73.8              | 74.4                         |
| 6SS3 (L2)                                 | Find the perimeter and area of a given polygon                               | 66.7             | 59.9              | 59.2                         |
| 6SS3 (L1)                                 | Find the volume of a given rectangular prism                                 | 50.0             | 42.4              | 43.1                         |
| 6SS4 (L1)                                 | Identify a given triangle according to its angle measures                    | 50.0             | 61.1              | 63.5                         |
| 6SS5 (L2)                                 | Sort a given set of polygons according to given attributes                   | 50.0             | 55.9              | 57.4                         |
| 6SS4, 6SS5 (L1)                           | Identify congruent triangles   | 66.7             | 77.7              | 77.1                         |
| 6SS8 (L1)                                 | Identify the coordinates of two given points on a Cartesian plane            | 41.7             | 68.2              | 68.9                         |
| 6SS6 (L1)                                 | Describe the combined transformations performed on a 2-D shape               | 75.0             | 74.2              | 74.4                         |
| 6SS9 (L1)                                 | Describe the single transformation performed on a 2-D shape                  | 100.0            | 79.1              | 80.4                         |
| 6SS7 (L2)                                 | Identify the successive transformations performed to create a design         | 75.0             | 66.7              | 66.2                         |
|   |  | 10.0             | 00.7              | 00.2                         |

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Source: Division of Evaluation and Research, Department of Education and Early Childhood Development



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# Elementary Mathematics Provincial Assessment, June 2014 School Report - Multiple Choice Items

(Item Analysis: % of content answered correctly)

NLESD - Western Region

School #: 106 Lourdes Elementary, Lourdes Grades: K-8

| Outcome(s)<br>Cognitive Level      | Outcome Description  | School<br>[N=13] | <b>Region</b><br>[N=822] | <b>Province</b><br>[N=4,875] |
|------------------------------------|--|------------------|--------------------------|------------------------------|
| <u>Number Concepts</u>             |  |                  |                          |                              |
| 6N1 (L1)                           | Identify the value of a digit in a given number                              | 100.0            | 65.8                     | 68.2                         |
| 6N1 (L2)                           | Demonstrate an understanding of place value through base ten representations | 92.3             | 42.7                     | 38.1                         |
| 6N5 (L1)                           | Write and interpret ratios comparing part-to-whole                           | 61.5             | 56.9                     | 59.7                         |
| 6N5 (L2)                           | Demonstrate an understanding of equivalent ratios                            | 92.3             | 45.0                     | 48.4                         |
| 6N6 (L1)                           | Demonstrate an understanding of percent as ratio                             | 61.5             | 47.2                     | 50.0                         |
| 6N6 (L3)                           | Demonstrate an understanding of percent as ratio                             | 100.0            | 83.4                     | 84.1                         |
| 6N3 (L2)                           | Distinguish between prime and composite numbers                              | 84.6             | 53.9                     | 54.8                         |
| 6N3 (L2)                           | Determine factors of a given number  | 84.6             | 68.9                     | 66.3                         |
| 6N4 (L1)                           | Place an improper fraction on a number line                                  | 92.3             | 33.3                     | 38.2                         |
| 6N7 (L3)                           | Select integer that best fits description                                    | 69.2             | 67.2                     | 71.9                         |
| Number Operations                  |  |                  |                          |                              |
| 6N8 (L2)                           | Compute products of whole numbers and decimals                               | 100.0            | 81.0                     | 83.1                         |
| 6N2, 6N8 (L2)                      | Compute quotients of whole numbers and decimals                              | 76.9             | 62.3                     | 64.5                         |
| 6N8 (L3)                           | Place decimal in correct position in a product of whole numbers and decimals | 92.3             | 82.4                     | 83.8                         |
| 6N2, 6N8 (L2)                      | Solve a problem that involves division of decimals                           | 84.6             | 70.2                     | 71.0                         |
| 6N2, 6N8 (L2)                      | Solve a problem that involves multiplication of decimals                     | 76.9             | 60.9                     | 64.1                         |
| 6N2 (L2)                           | Estimate the solution to a subtraction problem                               | 69.2             | 50.3                     | 53.4                         |
| 6N2 (L3)                           | Determine number expression represented by base ten blocks                   | 100.0            | 56.3                     | 56.7                         |
| 6N9 (L3)                           | Apply the order of operations to solve a problem                             | 53.9             | 48.1                     | 50.1                         |
| 6N9 (L2)                           | Apply the order of operations to solve a problem                             | 84.6             | 44.9                     | 49.7                         |
| Patterns and Relations             |  |                  |                          |                              |
| 6PR1 (L2)                          | Identify the value of an unknown term in a table of values                   | 100.0            | 83.3                     | 84.2                         |
| 6PR1 (L3)                          | Identify an error in a given table of values                                 | 69.2             | 87.3                     | 87.9                         |
| 6PR1, 6PR3 (L2)                    | Write a mathematical expression for a situation                              | 23.1             | 22.2                     | 24.4                         |
| 6PR3 (L2)                          | Represent a pattern rule using a simple mathematical expression              | 92.3             | 53.3                     | 53.5                         |
| 6PR3 (L2)                          | Extend a pattern that is shown on a line graph                               | 100.0            | 77.3                     | 75.9                         |
| 6PR4 (L2)                          | Identifying an equivalent equation for a given equation                      | 84.6             | 46.3                     | 50.3                         |
| 6PR4 (L2)                          | Identifying an equivalent equation for a given model                         | 30.8             | 23.9                     | 28.9                         |
| 6PR1, 6PR2 (L2)<br>Shape and Space | Determine a mathematical expression for a situation and a table of values    | 76.9             | 30.7                     | 31.9                         |
| 6SS1 (L1)                          | Classify a given angle according to its measure                              | 100.0            | 80.8                     | 82.5                         |
| 6SS1 (L1)                          | Estimate the measure of an angle   | 92.3             | 85.0                     | 85.9                         |
| 6SS2 (L2)                          | Demonstrate the sum of interior angles of a triangle is 180°                 | 100.0            | 71.5                     | 72.7                         |
| 6SS2 (L2)                          | Demonstrate the sum of interior angles of a quadrilateral is 360°            | 92.3             | 73.8                     | 74.4                         |
| 6SS3 (L2)                          | Find the perimeter and area of a given polygon                               | 92.3             | 59.9                     | 59.2                         |
| 6SS3 (L1)                          | Find the volume of a given rectangular prism                                 | 76.9             | 42.4                     | 43.1                         |
| 6SS4 (L1)                          | Identify a given triangle according to its angle measures                    | 69.2             | 61.1                     | 63.5                         |
| 6SS5 (L2)                          | Sort a given set of polygons according to given attributes                   | 61.5             | 55.9                     | 57.4                         |
|                                    | Identify congruent triangles   | 92.3             | 77.7                     | 77.1                         |
| 6SS4, 6SS5 (L1)<br>6SS8 (L1)       | Identify the coordinates of two given points on a Cartesian plane            | 92.3             | 68.2                     | 68.9                         |
|                                    | Describe the combined transformations performed on a 2-D shape               | 92.3             | 74.2                     | 74.4                         |
| 6SS6 (L1)<br>6SS9 (L1)             |  |                  |                          |                              |
|                                    | Describe the single transformation performed on a 2-D shape                  | 100.0            | 79.1                     | 80.4                         |
| 6SS7 (L2)                          | Identify the successive transformations performed to create a design         | 76.9             | 66.7                     | 66.2                         |



(Item Analysis: % of content answered correctly)

#### NLESD - Western Region

School #: 111 St. Thomas Aquinas, Port au Port East

| Grades: k | (-8 |
|-----------|-----|
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| Outcome(s)                          |  | School       | Region  | Province     |
|-------------------------------------|--|--------------|---------|--------------|
| Cognitive Level                     | Outcome Description  | [N=11]       | [N=822] | [N=4,875]    |
| Number Concepts                     |  |              |         |              |
| 6N1 (L1)                            | Identify the value of a digit in a given number  | 80.0         | 65.8    | 68.2         |
| 6N1 (L2)                            | Demonstrate an understanding of place value through base ten representations                         | 40.0         | 42.7    | 38.1         |
| 6N5 (L1)                            | Write and interpret ratios comparing part-to-whole   | 80.0         | 56.9    | 59.7         |
| 6N5 (L2)                            | Demonstrate an understanding of equivalent ratios  | 20.0         | 45.0    | 48.4         |
| 6N6 (L1)                            | Demonstrate an understanding of percent as ratio   | 70.0         | 47.2    | 50.0         |
| 6N6 (L3)                            | Demonstrate an understanding of percent as ratio   | 100.0        | 83.4    | 84.1         |
| 6N3 (L2)                            | Distinguish between prime and composite numbers  | 50.0         | 53.9    | 54.8         |
| 6N3 (L2)                            | Determine factors of a given number  | 90.0         | 68.9    | 66.3         |
| 6N4 (L1)                            | Place an improper fraction on a number line  | 10.0         | 33.3    | 38.2         |
| 6N7 (L3)                            | Select integer that best fits description  | 70.0         | 67.2    | 71.9         |
| Number Operations                   |  |              |         |              |
| 6N8 (L2)                            | Compute products of whole numbers and decimals   | 90.9         | 81.0    | 83.1         |
| 6N2, 6N8 (L2)                       | Compute quotients of whole numbers and decimals  | 45.5         | 62.3    | 64.5         |
| 6N8 (L3)                            | Place decimal in correct position in a product of whole numbers and decimals                         | 90.9         | 82.4    | 83.8         |
| 6N2, 6N8 (L2)                       | Solve a problem that involves division of decimals   | 45.5         | 70.2    | 71.0         |
| 6N2, 6N8 (L2)                       | ·  | 72.7         | 60.9    | 64.1         |
| 6N2 (L2)                            | Solve a problem that involves multiplication of decimals   | 72.7         | 50.3    | 53.4         |
|                                     | Estimate the solution to a subtraction problem   | 63.6         | 56.3    | 56.7         |
| 6N2 (L3)                            | Determine number expression represented by base ten blocks   |              |         |              |
| 6N9 (L3)<br>6N9 (L2)                | Apply the order of operations to solve a problem<br>Apply the order of operations to solve a problem | 54.6<br>36.4 | 48.1    | 50.1<br>49.7 |
| Patterns and Relations<br>6PR1 (L2) | Identify the value of an unknown term in a table of values   | 100.0        | 83.3    | 84.2         |
| 6PR1 (L3)                           | Identify an error in a given table of values   | 100.0        | 87.3    | 87.9         |
| 6PR1, 6PR3 (L2)                     | Write a mathematical expression for a situation  | 18.2         | 22.2    | 24.4         |
| 6PR3 (L2)                           | Represent a pattern rule using a simple mathematical expression                                      | 54.6         | 53.3    | 53.5         |
| 6PR3 (L2)                           | Extend a pattern that is shown on a line graph   | 81.8         | 77.3    | 75.9         |
| 6PR4 (L2)                           | Identifying an equivalent equation for a given equation  | 72.7         | 46.3    | 50.3         |
| 6PR4 (L2)                           | Identifying an equivalent equation for a given model   | 27.3         | 23.9    | 28.9         |
| 6PR1, 6PR2 (L2)                     | Determine a mathematical expression for a situation and a table of values                            | 36.4         | 30.7    | 31.9         |
| Shape and Space                     |  |              |         |              |
| 6SS1 (L1)                           | Classify a given angle according to its measure  | 81.8         | 80.8    | 82.5         |
| 6SS1 (L1)                           | Estimate the measure of an angle   | 90.9         | 85.0    | 85.9         |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a triangle is 180°   | 90.9         | 71.5    | 72.7         |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a quadrilateral is 360°                                    | 90.9         | 73.8    | 74.4         |
| 6SS3 (L2)                           | Find the perimeter and area of a given polygon   | 54.6         | 59.9    | 59.2         |
| 6SS3 (L1)                           | Find the volume of a given rectangular prism   | 54.6         | 42.4    | 43.1         |
| 6SS4 (L1)                           | Identify a given triangle according to its angle measures  | 90.9         | 61.1    | 63.5         |
| 6SS5 (L2)                           | Sort a given set of polygons according to given attributes   | 54.6         | 55.9    | 57.4         |
| 6SS4, 6SS5 (L1)                     | Identify congruent triangles   | 100.0        | 77.7    | 77.1         |
| 6SS8 (L1)                           | Identify the coordinates of two given points on a Cartesian plane                                    | 63.6         | 68.2    | 68.9         |
| 6SS6 (L1)                           | Describe the combined transformations performed on a 2-D shape                                       | 72.7         | 74.2    | 74.4         |
| 6SS9 (L1)                           | Describe the single transformation performed on a 2-D shape  | 90.9         | 79.1    | 80.4         |
| 6SS7 (L2)                           | Identify the successive transformations performed to create a design                                 | 81.8         | 66.7    | 66.2         |
|                                     |  | I            | I       | I            |

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Source: Division of Evaluation and Research, Department of Education and Early Childhood Development

Mushuau Innu Natuashish and Peenamin McKenzie School are excluded from district and provincial results.



(Item Analysis: % of content answered correctly)

NLESD - Western Region

| School #: 113 | St. Boniface All Grade, Ramea |
|---------------|-------------------------------|
| Grades: K-12  |                               |

| Outcome(s)<br>Cognitive Level  | Outcome Description  | School<br>[N=3]  | <b>Region</b><br>[N=822]   | <b>Province</b><br>[N=4,875]   |
|--|--|--|--|--|
| Number Concepts  |  |  |  |  |
| 6N1 (L1)   | Identify the value of a digit in a given number  |  | 65.8   | 68.2   |
| 6N1 (L2)   | Demonstrate an understanding of place value through base ten representations   | School data  | 42.7   | 38.1   |
| 6N5 (L1)   | Write and interpret ratios comparing part-to-whole   | with 5 or  | 56.9   | 59.7   |
| 6N5 (L2)   | Demonstrate an understanding of equivalent ratios  | fewer  | 45.0   | 48.4   |
| 6N6 (L1)   | Demonstrate an understanding of percent as ratio   | students   | 47.2   | 50.0   |
| 6N6 (L3)   | Demonstrate an understanding of percent as ratio   | withheld for reasons of  | 83.4   | 84.1   |
| 6N3 (L2)   | Distinguish between prime and composite numbers  | confidentiality  | 53.9   | 54.8   |
| 6N3 (L2)   | Determine factors of a given number  |  | 68.9   | 66.3   |
| 6N4 (L1)   | Place an improper fraction on a number line  |  | 33.3   | 38.2   |
| 6N7 (L3)   | Select integer that best fits description  |  | 67.2   | 71.9   |
| Number Operations  |  |  |  |  |
| 6N8 (L2)   | Compute products of whole numbers and decimals   |  | 81.0   | 83.1   |
| 6N2, 6N8 (L2)  | Compute quotients of whole numbers and decimals  |  | 62.3   | 64.5   |
| 6N8 (L3)   | Place decimal in correct position in a product of whole numbers and decimals   |  | 82.4   | 83.8   |
| 6N2, 6N8 (L2)  | Solve a problem that involves division of decimals   |  | 70.2   | 71.0   |
| 6N2, 6N8 (L2)  | Solve a problem that involves multiplication of decimals   |  | 60.9   | 64.1   |
| 6N2 (L2)   | Estimate the solution to a subtraction problem   |  | 50.3   | 53.4   |
| 6N2 (L3)   | Determine number expression represented by base ten blocks   |  | 56.3   | 56.7   |
|  |  |  |  | 50.1   |
| 6N9 (L3)   | Apply the order of operations to solve a problem   |  | 48.1   | 50.1   |
|  | Apply the order of operations to solve a problem<br>Apply the order of operations to solve a problem   | -  | 48.1<br>44.9   | 49.7   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations   | Apply the order of operations to solve a problem   |  |  |  |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)  | Apply the order of operations to solve a problem Identify the value of an unknown term in a table of values  | _  | 44.9<br>83.3   | 49.7<br>84.2   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)   | Apply the order of operations to solve a problem           Identify the value of an unknown term in a table of values           Identify an error in a given table of values   |  | 44.9<br>83.3<br>87.3   | 49.7<br>84.2<br>87.9   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)  | Apply the order of operations to solve a problem           Identify the value of an unknown term in a table of values           Identify an error in a given table of values           Write a mathematical expression for a situation   |  | 44.9<br>83.3<br>87.3<br>22.2   | 49.7<br>84.2<br>87.9<br>24.4   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression   |  | 44.9<br>83.3<br>87.3<br>22.2<br>53.3   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)  | Apply the order of operations to solve a problem           Identify the value of an unknown term in a table of values           Identify an error in a given table of values           Write a mathematical expression for a situation           Represent a pattern rule using a simple mathematical expression           Extend a pattern that is shown on a line graph  |  | 44.9<br>83.3<br>87.3<br>22.2<br>53.3<br>77.3   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation  |  | 44.9<br>83.3<br>87.3<br>22.2<br>53.3   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)  | Apply the order of operations to solve a problem           Identify the value of an unknown term in a table of values           Identify an error in a given table of values           Write a mathematical expression for a situation           Represent a pattern rule using a simple mathematical expression           Extend a pattern that is shown on a line graph  |  | 44.9<br>83.3<br>87.3<br>22.2<br>53.3<br>77.3<br>46.3   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)  | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given model   |  | 44.9<br>83.3<br>87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>Shape and Space<br>6SS1 (L1)  | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given model   |  | 44.9<br>83.3<br>87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>Shape and Space  | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values   |  | 44.9<br>83.3<br>87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9   |
| 6N9 (L3)           6N9 (L2)           Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1 (L3)           6PR1 (L2)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)           Shape and Space           6SS1 (L1)           6SS2 (L2)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure   |  | 44.9<br>83.3<br>87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5   |
| 6N9 (L3)           6N9 (L2)           Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1 (L3)           6PR1 (L2)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)           Shape and Space           6SS1 (L1)           6SS2 (L2)           6SS2 (L2)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle  |  | 44.9<br>83.3<br>87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9   |
| 6N9 (L3)           6N9 (L2)           Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1 (L3)           6PR1 (L2)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)           Shape and Space           6SS1 (L1)           6SS2 (L2)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°   | 66.7   | 44.9<br>83.3<br>87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0<br>71.5   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7   |
| 6N9 (L3)           6N9 (L2)           Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1 (L3)           6PR1 (L2)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)           Shape and Space           6SS1 (L1)           6SS2 (L2)           6SS2 (L2)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism   |  | 44.9<br>83.3<br>87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0<br>71.5<br>73.8   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4   |
| 6N9 (L3)           6N9 (L2)           Patterns and Relations           6PR1 (L2)           6PR1 (L2)           6PR1 (L2)           6PR1 (L2)           6PR3 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6PR3 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6PR3 (L2)           6SS1 (L1)           6SS2 (L2)           6SS3 (L2)           6SS3 (L1)           6SS4 (L1)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon  |  | 44.9<br>83.3<br>87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0<br>71.5<br>73.8<br>59.9   | 49.7           84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2  |
| 6N9 (L3)           6N9 (L2)           Patterns and Relations           6PR1 (L2)           6PR1 (L2)           6PR1 (L2)           6PR1 (L2)           6PR3 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6PR3 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6PR3 (L2)           6SS1 (L1)           6SS2 (L2)           6SS3 (L2)           6SS3 (L1)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism   | 66.7   | 44.9<br>83.3<br>87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0<br>71.5<br>73.8<br>59.9<br>42.4                                 | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L1)<br>6SS4 (L1)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures  | 66.7<br>66.7   | 44.9<br>83.3<br>87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0<br>71.5<br>73.8<br>59.9<br>42.4<br>61.1                         | 49.7         84.2         87.9         24.4         53.5         75.9         50.3         28.9         31.9         82.5         85.9         72.7         74.4         59.2         43.1         63.5  |
| 6N9 (L3)           6N9 (L2)           Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1 (L3)           6PR1 (L3)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)           Shape and Space           6SS1 (L1)           6SS2 (L2)           6SS3 (L1)           6SS4 (L1)           6SS5 (L2)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to given attributes  | 66.7<br>66.7<br>66.7   | 44.9<br>83.3<br>87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0<br>71.5<br>73.8<br>59.9<br>42.4<br>61.1<br>55.9                 | 49.7         84.2         87.9         24.4         53.5         75.9         50.3         28.9         31.9         82.5         85.9         72.7         74.4         59.2         43.1         63.5         57.4                           |
| 6N9 (L3)           6N9 (L2)           Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1 (L3)           6PR1 (L3)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6SS1 (L1)           6SS2 (L2)           6SS3 (L1)           6SS4 (L1)           6SS5 (L2)           6SS4, 6SS5 (L1) | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures         Sort a given set of polygons according to given attributes         Identify congruent triangles   | 66.7<br>66.7<br>66.7<br>33.3                                     | 44.9<br>83.3<br>87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0<br>71.5<br>73.8<br>59.9<br>42.4<br>61.1<br>55.9<br>77.7         | 49.7         84.2         87.9         24.4         53.5         75.9         50.3         28.9         31.9         82.5         85.9         72.7         74.4         59.2         43.1         63.5         57.4         77.1              |
| 6N9 (L3)           6N9 (L2)           Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1 (L2)           6PR1 (L2)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6SS1 (L1)           6SS2 (L2)           6SS3 (L2)           6SS3 (L2)           6SS3 (L1)           6SS5 (L2)           6SS4 (6SS5 (L1)           6SS8 (L1)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to its angle measures         Sort a given set of polygons according to given attributes         Identify the coordinates of two given points on a Cartesian plane | 66.7           66.7           66.7           33.3           66.7 | 44.9<br>83.3<br>87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0<br>71.5<br>73.8<br>59.9<br>42.4<br>61.1<br>55.9<br>77.7<br>68.2 | 49.7         84.2         87.9         24.4         53.5         75.9         50.3         28.9         31.9         82.5         85.9         72.7         74.4         59.2         43.1         63.5         57.4         77.1         68.9 |

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(Item Analysis: % of content answered correctly)

#### NLESD - Western Region

School #: 115 Our Lady of Mercy Elementary, St. George's

| Grades: | K-8 |
|---------|-----|
|---------|-----|

| Outcome(s)<br>Cognitive Level             | Outcome Description  | School<br>[N=14] | <b>Region</b><br>[N=822] | <b>Province</b><br>[N=4,875] |
|---|--|------------------|--------------------------|------------------------------|
| Number Concepts                           |  |                  |                          |                              |
| 6N1 (L1)                                  | Identify the value of a digit in a given number                              | 64.3             | 65.8                     | 68.2                         |
| 6N1 (L2)                                  | Demonstrate an understanding of place value through base ten representations | 42.9             | 42.7                     | 38.1                         |
| 6N5 (L1)                                  | Write and interpret ratios comparing part-to-whole                           | 50.0             | 56.9                     | 59.7                         |
| 6N5 (L2)                                  | Demonstrate an understanding of equivalent ratios                            | 28.6             | 45.0                     | 48.4                         |
| 6N6 (L1)                                  | Demonstrate an understanding of percent as ratio                             | 50.0             | 47.2                     | 50.0                         |
| 6N6 (L3)                                  | Demonstrate an understanding of percent as ratio                             | 85.7             | 83.4                     | 84.1                         |
| 6N3 (L2)                                  | Distinguish between prime and composite numbers                              | 21.4             | 53.9                     | 54.8                         |
| 6N3 (L2)                                  | Determine factors of a given number  | 57.1             | 68.9                     | 66.3                         |
| 6N4 (L1)                                  | Place an improper fraction on a number line                                  | 21.4             | 33.3                     | 38.2                         |
| 6N7 (L3)                                  | Select integer that best fits description                                    | 42.9             | 67.2                     | 71.9                         |
| Number Operations                         |  |                  |                          |                              |
| 6N8 (L2)                                  | Compute products of whole numbers and decimals                               | 71.4             | 81.0                     | 83.1                         |
| 6N2, 6N8 (L2)                             | Compute quotients of whole numbers and decimals                              | 57.1             | 62.3                     | 64.5                         |
| 6N8 (L3)                                  | Place decimal in correct position in a product of whole numbers and decimals | 78.6             | 82.4                     | 83.8                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves division of decimals                           | 71.4             | 70.2                     | 71.0                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves multiplication of decimals                     | 57.1             | 60.9                     | 64.1                         |
| 6N2 (L2)                                  | Estimate the solution to a subtraction problem                               | 35.7             | 50.3                     | 53.4                         |
| 6N2 (L3)                                  | Determine number expression represented by base ten blocks                   | 57.1             | 56.3                     | 56.7                         |
| 6N9 (L3)                                  | Apply the order of operations to solve a problem                             | 57.1             | 48.1                     | 50.1                         |
| 6N9 (L2)                                  | Apply the order of operations to solve a problem                             | 28.6             | 44.9                     | 49.7                         |
| Patterns and Relations                    |  |                  |                          |                              |
| 6PR1 (L2)                                 | Identify the value of an unknown term in a table of values                   | 71.4             | 83.3                     | 84.2                         |
| 6PR1 (L3)                                 | Identify an error in a given table of values                                 | 71.4             | 87.3                     | 87.9                         |
| 6PR1, 6PR3 (L2)                           | Write a mathematical expression for a situation                              | 14.3             | 22.2                     | 24.4                         |
| 6PR3 (L2)                                 | Represent a pattern rule using a simple mathematical expression              | 21.4             | 53.3                     | 53.5                         |
| 6PR3 (L2)                                 | Extend a pattern that is shown on a line graph                               | 64.3             | 77.3                     | 75.9                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given equation                      | 21.4             | 46.3                     | 50.3                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given model                         | 28.6             | 23.9                     | 28.9                         |
| 6PR1, 6PR2 (L2)<br><u>Shape and Space</u> | Determine a mathematical expression for a situation and a table of values    | 28.6             | 30.7                     | 31.9                         |
| 6SS1 (L1)                                 | Classify a given angle according to its measure                              | 71.4             | 80.8                     | 82.5                         |
| 6SS1 (L1)                                 | Estimate the measure of an angle   | 85.7             | 85.0                     | 85.9                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a triangle is 180°                 | 57.1             | 71.5                     | 72.7                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a quadrilateral is 360°            | 78.6             | 73.8                     | 74.4                         |
| 6SS3 (L2)                                 | Find the perimeter and area of a given polygon                               | 64.3             | 59.9                     | 59.2                         |
| 6SS3 (L1)                                 | Find the volume of a given rectangular prism                                 | 28.6             | 42.4                     | 43.1                         |
| 6SS4 (L1)                                 | Identify a given triangle according to its angle measures                    | 42.9             | 61.1                     | 63.5                         |
| 6SS5 (L2)                                 | Sort a given set of polygons according to given attributes                   | 35.7             | 55.9                     | 57.4                         |
| 6SS4, 6SS5 (L1)                           | Identify congruent triangles   | 57.1             | 77.7                     | 77.1                         |
| 6SS8 (L1)                                 | Identify the coordinates of two given points on a Cartesian plane            | 71.4             | 68.2                     | 68.9                         |
| 6SS6 (L1)                                 | Describe the combined transformations performed on a 2-D shape               | 78.6             | 74.2                     | 74.4                         |
| 6SS9 (L1)                                 | Describe the single transformation performed on a 2-D shape                  |                  |                          |                              |
|   |  | 57.1             | 79.1                     | 80.4                         |
| 6SS7 (L2)                                 | Identify the successive transformations performed to create a design         | 35.7             | 66.7                     | 66.2                         |

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Source: Division of Evaluation and Research, Department of Education and Early Childhood Development



(Item Analysis: % of content answered correctly)

#### NLESD - Western Region

School #: 123 St. Michael's Elementary, Stephenville Crossing

| Grades: I | K-8 |
|-----------|-----|
|-----------|-----|

| Outcome(s)<br>Cognitive Level             | Outcome Description  | School<br>[N=22] | <b>Region</b><br>[N=822] | <b>Province</b><br>[N=4,875] |
|---|--|------------------|--------------------------|------------------------------|
| Number Concepts                           |  |                  |                          |                              |
| 6N1 (L1)                                  | Identify the value of a digit in a given number                              | 36.4             | 65.8                     | 68.2                         |
| 6N1 (L2)                                  | Demonstrate an understanding of place value through base ten representations | 40.9             | 42.7                     | 38.1                         |
| 6N5 (L1)                                  | Write and interpret ratios comparing part-to-whole                           | 50.0             | 56.9                     | 59.7                         |
| 6N5 (L2)                                  | Demonstrate an understanding of equivalent ratios                            | 36.4             | 45.0                     | 48.4                         |
| 6N6 (L1)                                  | Demonstrate an understanding of percent as ratio                             | 68.2             | 47.2                     | 50.0                         |
| 6N6 (L3)                                  | Demonstrate an understanding of percent as ratio                             | 59.1             | 83.4                     | 84.1                         |
| 6N3 (L2)                                  | Distinguish between prime and composite numbers                              | 45.5             | 53.9                     | 54.8                         |
| 6N3 (L2)                                  | Determine factors of a given number  | 45.5             | 68.9                     | 66.3                         |
| 6N4 (L1)                                  | Place an improper fraction on a number line                                  | 36.4             | 33.3                     | 38.2                         |
| 6N7 (L3)                                  | Select integer that best fits description                                    | 27.3             | 67.2                     | 71.9                         |
| Number Operations                         |  |                  |                          |                              |
| 6N8 (L2)                                  | Compute products of whole numbers and decimals                               | 77.3             | 81.0                     | 83.1                         |
| 6N2, 6N8 (L2)                             | Compute quotients of whole numbers and decimals                              | 54.6             | 62.3                     | 64.5                         |
| 6N8 (L3)                                  | Place decimal in correct position in a product of whole numbers and decimals | 54.6             | 82.4                     | 83.8                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves division of decimals                           | 54.6             | 70.2                     | 71.0                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves multiplication of decimals                     | 50.0             | 60.9                     | 64.1                         |
| 6N2 (L2)                                  | Estimate the solution to a subtraction problem                               | 31.8             | 50.3                     | 53.4                         |
| 6N2 (L3)                                  | Determine number expression represented by base ten blocks                   | 40.9             | 56.3                     | 56.7                         |
| 6N9 (L3)                                  | Apply the order of operations to solve a problem                             | 22.7             | 48.1                     | 50.1                         |
| 6N9 (L2)                                  | Apply the order of operations to solve a problem                             | 9.1              | 44.9                     | 49.7                         |
| Patterns and Relations                    |  |                  |                          |                              |
| 6PR1 (L2)                                 | Identify the value of an unknown term in a table of values                   | 72.7             | 83.3                     | 84.2                         |
| 6PR1 (L3)                                 | Identify an error in a given table of values                                 | 59.1             | 87.3                     | 87.9                         |
| 6PR1, 6PR3 (L2)                           | Write a mathematical expression for a situation                              | 13.6             | 22.2                     | 24.4                         |
| 6PR3 (L2)                                 | Represent a pattern rule using a simple mathematical expression              | 22.7             | 53.3                     | 53.5                         |
| 6PR3 (L2)                                 | Extend a pattern that is shown on a line graph                               | 81.8             | 77.3                     | 75.9                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given equation                      | 36.4             | 46.3                     | 50.3                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given model                         | 4.6              | 23.9                     | 28.9                         |
| 6PR1, 6PR2 (L2)<br><u>Shape and Space</u> | Determine a mathematical expression for a situation and a table of values    | 22.7             | 30.7                     | 31.9                         |
| 6SS1 (L1)                                 | Classify a given angle according to its measure                              | 68.2             | 80.8                     | 82.5                         |
| 6SS1 (L1)                                 | Estimate the measure of an angle   | 77.3             | 85.0                     | 85.9                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a triangle is 180°                 | 45.5             | 71.5                     | 72.7                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a quadrilateral is 360°            | 50.0             | 73.8                     | 74.4                         |
| 6SS3 (L2)                                 | Find the perimeter and area of a given polygon                               | 45.5             | 59.9                     | 59.2                         |
| 6SS3 (L1)                                 | Find the volume of a given rectangular prism                                 | 18.2             | 42.4                     | 43.1                         |
| 6SS4 (L1)                                 | Identify a given triangle according to its angle measures                    | 54.6             | 61.1                     | 63.5                         |
| 6SS5 (L2)                                 | Sort a given set of polygons according to given attributes                   | 45.5             | 55.9                     | 57.4                         |
| 6SS4, 6SS5 (L1)                           | Identify congruent triangles   | 59.1             | 77.7                     | 77.1                         |
| 6SS8 (L1)                                 | Identify the coordinates of two given points on a Cartesian plane            | 27.3             | 68.2                     | 68.9                         |
| 6SS6 (L1)                                 | Describe the combined transformations performed on a 2-D shape               | 50.0             | 74.2                     | 74.4                         |
| 6SS9 (L1)                                 | Describe the single transformation performed on a 2-D shape                  |                  |                          |                              |
| 6SS7 (L2)                                 | Identify the successive transformations performed to create a design         | 45.5             | 79.1                     | 80.4                         |
|   | nontry the successive transformations performed to breate a design           | 22.7             | 66.7                     | 66.2                         |



(Item Analysis: % of content answered correctly)

#### NLESD - Western Region

School #: 388 Long Range Academy, Cow Head Grades: K-12

| Outcome(s)<br>Cognitive Level  | Outcome Description  | School<br>[N=4]                             | <b>Region</b><br>[N=822]  | <b>Province</b><br>[N=4,875]  |
|--|--|---|---|---|
| Number Concepts  |  |   |   |   |
| 6N1 (L1)   | Identify the value of a digit in a given number  |   | 65.8  | 68.2  |
| 6N1 (L2)   | Demonstrate an understanding of place value through base ten representations   | School data                                 | 42.7  | 38.1  |
| 6N5 (L1)   | Write and interpret ratios comparing part-to-whole   | with 5 or                                   | 56.9  | 59.7  |
| 6N5 (L2)   | Demonstrate an understanding of equivalent ratios  | fewer                                       | 45.0  | 48.4  |
| 6N6 (L1)   | Demonstrate an understanding of percent as ratio   | students                                    | 47.2  | 50.0  |
| 6N6 (L3)   | Demonstrate an understanding of percent as ratio   | withheld for                                | 83.4  | 84.1  |
| 6N3 (L2)   | Distinguish between prime and composite numbers  | <pre> reasons of<br/> confidentiality</pre> | 53.9  | 54.8  |
| 6N3 (L2)   | Determine factors of a given number  | connucritianty                              | 68.9  | 66.3  |
| 6N4 (L1)   | Place an improper fraction on a number line  |   | 33.3  | 38.2  |
| 6N7 (L3)   | Select integer that best fits description  |   | 67.2  | 71.9  |
| Number Operations  |  |   |   |   |
| 6N8 (L2)   | Compute products of whole numbers and decimals   |   | 81.0  | 83.1  |
| 6N2, 6N8 (L2)  | Compute quotients of whole numbers and decimals  |   | 62.3  | 64.5  |
| 6N8 (L3)   | Place decimal in correct position in a product of whole numbers and decimals   |   | 82.4  | 83.8  |
| 6N2, 6N8 (L2)  | Solve a problem that involves division of decimals   |   | 70.2  | 71.0  |
| 6N2, 6N8 (L2)  | Solve a problem that involves multiplication of decimals   |   | 60.9  | 64.1  |
| 6N2 (L2)   | Estimate the solution to a subtraction problem   |   | 50.3  | 53.4  |
| 6N2 (L3)   | Determine number expression represented by base ten blocks   |   | 56.3  | 56.7  |
| 6N9 (L3)   | Apply the order of operations to solve a problem   |   | 48.1  | 50.1  |
|  |  |   | 44.9  | 49.7  |
| 6N9 (L2)   | Apply the order of operations to solve a problem   |   |   |   |
| 6N9 (L2) Patterns and Relations  | Apply the order of operations to solve a problem   |   | 44.5  |   |
|  | Identify the value of an unknown term in a table of values   |   | 83.3  | 84.2  |
| Patterns and Relations   |  |   |   |   |
| Patterns and Relations<br>6PR1 (L2)  | Identify the value of an unknown term in a table of values   |   | 83.3  | 84.2  |
| Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)   | Identify the value of an unknown term in a table of values<br>Identify an error in a given table of values   |   | 83.3<br>87.3  | 84.2<br>87.9  |
| Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)  | Identify the value of an unknown term in a table of values<br>Identify an error in a given table of values<br>Write a mathematical expression for a situation  |   | 83.3<br>87.3<br>22.2  | 84.2<br>87.9<br>24.4  |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression  |   | 83.3<br>87.3<br>22.2<br>53.3  | 84.2<br>87.9<br>24.4<br>53.5  |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR3 (L2)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph   |   | 83.3<br>87.3<br>22.2<br>53.3<br>77.3  | 84.2<br>87.9<br>24.4<br>53.5<br>75.9  |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation   |   | 83.3<br>87.3<br>22.2<br>53.3<br>77.3<br>46.3  | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3  |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model  |   | 83.3<br>87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9  | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9  |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)           Shape and Space           6SS1 (L1)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model  |   | 83.3<br>87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9  | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9  |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values  |   | 83.3<br>87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7  | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9  |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)           Shape and Space           6SS1 (L1)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure  |   | 83.3<br>87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8  | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5  |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)           Shape and Space           6SS1 (L1)           6SS1 (L1)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle   |   | 83.3<br>87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0  | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9  |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)           Shape and Space           6SS1 (L1)           6SS2 (L2)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°  |   | 83.3<br>87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0<br>71.5  | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7  |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)           Shape and Space           6SS1 (L1)           6SS2 (L2)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°  |   | 83.3<br>87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0<br>71.5<br>73.8  | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4  |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)           Shape and Space           6SS1 (L1)           6SS2 (L2)           6SS3 (L2)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon   |   | 83.3<br>87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0<br>71.5<br>73.8<br>59.9  | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2  |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)           Shape and Space           6SS1 (L1)           6SS2 (L2)           6SS3 (L2)           6SS3 (L1)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism  | 0.0   | 83.3<br>87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0<br>71.5<br>73.8<br>59.9<br>42.4  | 84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1   |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)           Shape and Space           6SS1 (L1)           6SS2 (L2)           6SS3 (L2)           6SS3 (L1)           6SS4 (L1)           6SS5 (L2)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures  | 0.0<br>75.0                                 | 83.3<br>87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0<br>71.5<br>73.8<br>59.9<br>42.4<br>61.1  | 84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5  |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)           Shape and Space           6SS1 (L1)           6SS2 (L2)           6SS3 (L1)           6SS4 (L1)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to given attributes   | 0.0<br>75.0<br>25.0                         | 83.3<br>87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0<br>71.5<br>73.8<br>59.9<br>42.4<br>61.1<br>55.9  | 84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5           57.4                               |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6SS1 (L1)           6SS2 (L2)           6SS3 (L1)           6SS4 (L1)           6SS4 (L2)           6SS4 (L3)           6SS4 (L1)           6SS8 (L1) | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures         Sort a given set of polygons according to given attributes         Identify congruent triangles  | 0.0<br>75.0<br>25.0<br>100.0                | 83.3<br>87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0<br>71.5<br>73.8<br>59.9<br>42.4<br>61.1<br>55.9<br>77.7  | 84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5           57.4           77.1                |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)           Shape and Space           6SS1 (L1)           6SS2 (L2)           6SS3 (L1)           6SS4 (L1)           6SS5 (L2)           6SS5 (L2)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to its angle measures         Sort a given set of polygons according to given attributes         Identify congruent triangles         Identify the coordinates of two given points on a Cartesian plane | 0.0<br>75.0<br>25.0<br>100.0<br>75.0        | 83.3           87.3           22.2           53.3           77.3           46.3           23.9           30.7           80.8           85.0           71.5           73.8           59.9           42.4           61.1           55.9           77.7           68.2 | 84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5           57.4           77.1           68.9 |

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# Elementary Mathematics Provincial Assessment, June 2014 School Report - Multiple Choice Items

(Item Analysis: % of content answered correctly)

NLESD - Western Region

| School #: 391 | Xavier Junior High, Deer Lake |
|---------------|-------------------------------|
| Grades: 6-9   |                               |

| Outcome(s)<br>Cognitive Level       | Outcome Description   | School<br>[N=70] | Region<br>[N=822] | <b>Province</b><br>[N=4,875] |
|-------------------------------------|---|------------------|-------------------|------------------------------|
| Number Concepts                     |   |                  |                   |                              |
| 6N1 (L1)                            | Identify the value of a digit in a given number   | 61.2             | 65.8              | 68.2                         |
| 6N1 (L2)                            | Demonstrate an understanding of place value through base ten representations  | 58.2             | 42.7              | 38.1                         |
| 6N5 (L1)                            | Write and interpret ratios comparing part-to-whole  | 47.8             | 56.9              | 59.7                         |
| 6N5 (L2)                            | Demonstrate an understanding of equivalent ratios   | 11.9             | 45.0              | 48.4                         |
| 6N6 (L1)                            | Demonstrate an understanding of percent as ratio  | 35.8             | 47.2              | 50.0                         |
| 6N6 (L3)                            | Demonstrate an understanding of percent as ratio  | 77.6             | 83.4              | 84.1                         |
| 6N3 (L2)                            | Distinguish between prime and composite numbers   | 38.8             | 53.9              | 54.8                         |
| 6N3 (L2)                            | Determine factors of a given number   | 58.2             | 68.9              | 66.3                         |
| 6N4 (L1)                            | Place an improper fraction on a number line   | 13.4             | 33.3              | 38.2                         |
| 6N7 (L3)                            | Select integer that best fits description   | 70.2             | 67.2              | 71.9                         |
| Number Operations                   |   |                  |                   |                              |
| 6N8 (L2)                            | Compute products of whole numbers and decimals  | 67.2             | 81.0              | 83.1                         |
| 6N2, 6N8 (L2)                       | Compute quotients of whole numbers and decimals   | 59.7             | 62.3              | 64.5                         |
| 6N8 (L3)                            | Place decimal in correct position in a product of whole numbers and decimals  | 71.6             | 82.4              | 83.8                         |
| 6N2, 6N8 (L2)                       | Solve a problem that involves division of decimals  | 61.2             | 70.2              | 71.0                         |
| 6N2, 6N8 (L2)                       | Solve a problem that involves multiplication of decimals  | 49.3             | 60.9              | 64.1                         |
| 6N2 (L2)                            | Estimate the solution to a subtraction problem  | 35.8             | 50.3              | 53.4                         |
| 6N2 (L3)                            | Determine number expression represented by base ten blocks  | 38.8             | 56.3              | 56.7                         |
| 6N9 (L3)                            | Apply the order of operations to solve a problem  | 29.9             | 48.1              | 50.1                         |
| 6N9 (L2)                            | Apply the order of operations to solve a problem  | 40.3             | 44.9              | 49.7                         |
| Patterns and Relations<br>6PR1 (L2) | Identify the value of an unknown term in a table of values  | 89.7             | 83.3              | 84.2                         |
| 6PR1 (L3)                           | Identify an error in a given table of values  | 79.4             | 87.3              | 87.9                         |
| 6PR1, 6PR3 (L2)                     | Write a mathematical expression for a situation   | 13.2             | 22.2              | 24.4                         |
| 6PR3 (L2)                           | Represent a pattern rule using a simple mathematical expression   | 54.4             | 53.3              | 53.5                         |
| 6PR3 (L2)                           | Extend a pattern that is shown on a line graph  | 80.9             | 77.3              | 75.9                         |
| 6PR4 (L2)                           | Identifying an equivalent equation for a given equation   | 27.9             | 46.3              | 50.3                         |
| 6PR4 (L2)                           | Identifying an equivalent equation for a given model  | 11.8             | 23.9              | 28.9                         |
| 6PR1, 6PR2 (L2)<br>Shape and Space  | Determine a mathematical expression for a situation and a table of values   | 23.5             | 30.7              | 31.9                         |
| 6SS1 (L1)                           | Classify a given angle according to its measure   | 50.8             | 80.8              | 82.5                         |
| 6SS1 (L1)<br>6SS1 (L1)              | Estimate the measure of an angle  | 67.2             | 85.0              | 85.9                         |
|                                     | Demonstrate the sum of interior angles of a triangle is 180°  |                  |                   |                              |
| 6SS2 (L2)<br>6SS2 (L2)              |   | 41.8             | 71.5              | 72.7                         |
| 6SS3 (L2)                           | Demonstrate the sum of interior angles of a quadrilateral is 360°<br>Find the perimeter and area of a given polygon | 49.3             | 73.8              | 74.4                         |
|                                     |   | 43.3             | 59.9<br>42.4      | 59.2<br>43.1                 |
| 6SS3 (L1)                           | Find the volume of a given rectangular prism<br>Identify a given triangle according to its angle measures           |                  | -                 | -                            |
| 6SS4 (L1)                           | Sort a given set of polygons according to given attributes  | 40.3             | 61.1              | 63.5                         |
| 6SS5 (L2)                           |   | 40.3             | 55.9              | 57.4                         |
| 6SS4, 6SS5 (L1)                     | Identify congruent triangles  | 58.2             | 77.7              | 77.1                         |
| 6SS8 (L1)                           | Identify the coordinates of two given points on a Cartesian plane   | 55.2             | 68.2              | 68.9                         |
| 6SS6 (L1)                           | Describe the combined transformations performed on a 2-D shape  | 64.2             | 74.2              | 74.4                         |
| 6SS9 (L1)                           | Describe the single transformation performed on a 2-D shape   | 62.7             | 79.1              | 80.4                         |
| 6SS7 (L2)                           | Identify the successive transformations performed to create a design  | 68.7             | 66.7              | 66.2                         |

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Source: Division of Evaluation and Research, Department of Education and Early Childhood Development



(Item Analysis: % of content answered correctly)

#### NLESD - Western Region

School #: 393 Bonne Bay Academy, Woody Point Grades: K-12

| Outcome(s)<br>Cognitive Level             | Outcome Description  | School<br>[N=4]         | <b>Region</b><br>[N=822] | <b>Province</b><br>[N=4,875] |
|---|--|-------------------------|--------------------------|------------------------------|
| Number Concepts                           |  |                         |                          |                              |
| 6N1 (L1)                                  | Identify the value of a digit in a given number                              |                         | 65.8                     | 68.2                         |
| 6N1 (L2)                                  | Demonstrate an understanding of place value through base ten representations | School data             | 42.7                     | 38.1                         |
| 6N5 (L1)                                  | Write and interpret ratios comparing part-to-whole                           | with 5 or               | 56.9                     | 59.7                         |
| 6N5 (L2)                                  | Demonstrate an understanding of equivalent ratios                            | fewer                   | 45.0                     | 48.4                         |
| 6N6 (L1)                                  | Demonstrate an understanding of percent as ratio                             | students                | 47.2                     | 50.0                         |
| 6N6 (L3)                                  | Demonstrate an understanding of percent as ratio                             | withheld for reasons of | 83.4                     | 84.1                         |
| 6N3 (L2)                                  | Distinguish between prime and composite numbers                              | confidentiality         | 53.9                     | 54.8                         |
| 6N3 (L2)                                  | Determine factors of a given number  |                         | 68.9                     | 66.3                         |
| 6N4 (L1)                                  | Place an improper fraction on a number line                                  |                         | 33.3                     | 38.2                         |
| 6N7 (L3)                                  | Select integer that best fits description                                    |                         | 67.2                     | 71.9                         |
| Number Operations                         |  |                         |                          |                              |
| 6N8 (L2)                                  | Compute products of whole numbers and decimals                               |                         | 81.0                     | 83.1                         |
| 6N2, 6N8 (L2)                             | Compute quotients of whole numbers and decimals                              |                         | 62.3                     | 64.5                         |
| 6N8 (L3)                                  | Place decimal in correct position in a product of whole numbers and decimals |                         | 82.4                     | 83.8                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves division of decimals                           |                         | 70.2                     | 71.0                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves multiplication of decimals                     |                         | 60.9                     | 64.1                         |
| 6N2 (L2)                                  | Estimate the solution to a subtraction problem                               |                         | 50.3                     | 53.4                         |
| 6N2 (L3)                                  | Determine number expression represented by base ten blocks                   |                         | 56.3                     | 56.7                         |
| 6N9 (L3)                                  | Apply the order of operations to solve a problem                             |                         | 48.1                     | 50.1                         |
| 6N9 (L2)                                  | Apply the order of operations to solve a problem                             |                         | 44.9                     | 49.7                         |
| Patterns and Relations                    |  |                         |                          |                              |
| 6PR1 (L2)                                 | Identify the value of an unknown term in a table of values                   |                         | 83.3                     | 84.2                         |
| 6PR1 (L3)                                 | Identify an error in a given table of values                                 |                         | 87.3                     | 87.9                         |
| 6PR1, 6PR3 (L2)                           | Write a mathematical expression for a situation                              |                         | 22.2                     | 24.4                         |
| 6PR3 (L2)                                 | Represent a pattern rule using a simple mathematical expression              |                         | 53.3                     | 53.5                         |
| 6PR3 (L2)                                 | Extend a pattern that is shown on a line graph                               |                         | 77.3                     | 75.9                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given equation                      |                         | 46.3                     | 50.3                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given model                         |                         | 23.9                     | 28.9                         |
| 6PR1, 6PR2 (L2)<br><u>Shape and Space</u> | Determine a mathematical expression for a situation and a table of values    |                         | 30.7                     | 31.9                         |
| 6SS1 (L1)                                 | Classify a given angle according to its measure                              |                         | 80.8                     | 82.5                         |
| 6SS1 (L1)                                 | Estimate the measure of an angle   |                         | 85.0                     | 85.9                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a triangle is 180°                 |                         | 71.5                     | 72.7                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a quadrilateral is 360°            |                         | 73.8                     | 74.4                         |
| 6SS3 (L2)                                 | Find the perimeter and area of a given polygon                               | 100.0                   | 59.9                     | 59.2                         |
| 6SS3 (L1)                                 | Find the volume of a given rectangular prism                                 | 100.0                   | 42.4                     | 43.1                         |
| 6SS4 (L1)                                 | Identify a given triangle according to its angle measures                    | 75.0                    | 61.1                     | 63.5                         |
| 6SS5 (L2)                                 | Sort a given set of polygons according to given attributes                   | 75.0                    | 55.9                     | 57.4                         |
| 6SS4, 6SS5 (L1)                           | Identify congruent triangles   | 75.0                    | 77.7                     | 77.1                         |
| 6SS8 (L1)                                 | Identify the coordinates of two given points on a Cartesian plane            | 75.0                    | 68.2                     | 68.9                         |
| 6SS6 (L1)                                 | Describe the combined transformations performed on a 2-D shape               | 100.0                   | 74.2                     | 74.4                         |
| 6SS9 (L1)                                 | Describe the single transformation performed on a 2-D shape                  | 100.0                   | 79.1                     | 80.4                         |
| 6SS7 (L2)                                 | Identify the successive transformations performed to create a design         |                         |                          |                              |
|   | · · · · ·  | 75.0                    | 66.7                     | 66.2                         |

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# Elementary Mathematics Provincial Assessment, June 2014 School Report - Multiple Choice Items

(Item Analysis: % of content answered correctly)

NLESD - Western Region

# School #: 394 E.A. Butler All Grade, McKay's Grades: K-12

| Outcome(s)<br>Cognitive Level             | Outcome Description  | School<br>[N=11] | Region<br>[N=822] | <b>Province</b><br>[N=4,875] |
|---|--|------------------|-------------------|------------------------------|
| Number Concepts                           |  |                  |                   |                              |
| 6N1 (L1)                                  | Identify the value of a digit in a given number                              | 72.7             | 65.8              | 68.2                         |
| 6N1 (L2)                                  | Demonstrate an understanding of place value through base ten representations | 18.2             | 42.7              | 38.1                         |
| 6N5 (L1)                                  | Write and interpret ratios comparing part-to-whole                           | 63.6             | 56.9              | 59.7                         |
| 6N5 (L2)                                  | Demonstrate an understanding of equivalent ratios                            | 54.6             | 45.0              | 48.4                         |
| 6N6 (L1)                                  | Demonstrate an understanding of percent as ratio                             | 54.6             | 47.2              | 50.0                         |
| 6N6 (L3)                                  | Demonstrate an understanding of percent as ratio                             | 63.6             | 83.4              | 84.1                         |
| 6N3 (L2)                                  | Distinguish between prime and composite numbers                              | 45.5             | 53.9              | 54.8                         |
| 6N3 (L2)                                  | Determine factors of a given number  | 45.5             | 68.9              | 66.3                         |
| 6N4 (L1)                                  | Place an improper fraction on a number line                                  | 9.1              | 33.3              | 38.2                         |
| 6N7 (L3)                                  | Select integer that best fits description                                    | 54.6             | 67.2              | 71.9                         |
| Number Operations                         |  |                  |                   |                              |
| 6N8 (L2)                                  | Compute products of whole numbers and decimals                               | 81.8             | 81.0              | 83.1                         |
| 6N2, 6N8 (L2)                             | Compute quotients of whole numbers and decimals                              | 81.8             | 62.3              | 64.5                         |
| 6N8 (L3)                                  | Place decimal in correct position in a product of whole numbers and decimals | 81.8             | 82.4              | 83.8                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves division of decimals                           | 63.6             | 70.2              | 71.0                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves multiplication of decimals                     | 45.5             | 60.9              | 64.1                         |
| 6N2 (L2)                                  | Estimate the solution to a subtraction problem                               | 45.5             | 50.3              | 53.4                         |
| 6N2 (L3)                                  | Determine number expression represented by base ten blocks                   | 54.6             | 56.3              | 56.7                         |
| 6N9 (L3)                                  | Apply the order of operations to solve a problem                             | 72.7             | 48.1              | 50.1                         |
| 6N9 (L2)                                  | Apply the order of operations to solve a problem                             | 45.5             | 44.9              | 49.7                         |
| Patterns and Relations                    |  |                  |                   |                              |
| 6PR1 (L2)                                 | Identify the value of an unknown term in a table of values                   | 81.8             | 83.3              | 84.2                         |
| 6PR1 (L3)                                 | Identify an error in a given table of values                                 | 90.9             | 87.3              | 87.9                         |
| 6PR1, 6PR3 (L2)                           | Write a mathematical expression for a situation                              | 18.2             | 22.2              | 24.4                         |
| 6PR3 (L2)                                 | Represent a pattern rule using a simple mathematical expression              | 27.3             | 53.3              | 53.5                         |
| 6PR3 (L2)                                 | Extend a pattern that is shown on a line graph                               | 100.0            | 77.3              | 75.9                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given equation                      | 36.4             | 46.3              | 50.3                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given model                         | 0.0              | 23.9              | 28.9                         |
| 6PR1, 6PR2 (L2)<br><u>Shape and Space</u> | Determine a mathematical expression for a situation and a table of values    | 45.5             | 30.7              | 31.9                         |
| 6SS1 (L1)                                 | Classify a given angle according to its measure                              | 81.8             | 80.8              | 82.5                         |
| 6SS1 (L1)                                 | Estimate the measure of an angle   | 81.8             | 85.0              | 85.9                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a triangle is 180°                 | 36.4             | 71.5              | 72.7                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a quadrilateral is 360°            | 63.6             | 73.8              | 74.4                         |
| 6SS3 (L2)                                 | Find the perimeter and area of a given polygon                               | 90.9             | 59.9              | 59.2                         |
| 6SS3 (L1)                                 | Find the volume of a given rectangular prism                                 | 45.5             | 42.4              | 43.1                         |
| 6SS4 (L1)                                 | Identify a given triangle according to its angle measures                    | 54.6             | 61.1              | 63.5                         |
| 6SS5 (L2)                                 | Sort a given set of polygons according to given attributes                   | 63.6             | 55.9              | 57.4                         |
| 6SS4, 6SS5 (L1)                           | Identify congruent triangles   | 90.9             | 77.7              | 77.1                         |
| 6SS8 (L1)                                 | Identify the coordinates of two given points on a Cartesian plane            | 54.6             | 68.2              | 68.9                         |
| 6SS6 (L1)                                 | Describe the combined transformations performed on a 2-D shape               | 54.6             | 74.2              | 74.4                         |
| 6SS9 (L1)                                 | Describe the single transformation performed on a 2-D shape                  |                  |                   |                              |
|   |  | 90.9             | 79.1              | 80.4                         |
| 6SS7 (L2)                                 | Identify the successive transformations performed to create a design         | 54.6             | 66.7              | 66.2                         |

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Source: Division of Evaluation and Research, Department of Education and Early Childhood Development

Mushuau Innu Natuashish and Peenamin McKenzie School are excluded from district and provincial results.



(Item Analysis: % of content answered correctly)

#### NLESD - Western Region

School #: 396 Stephenville Middle School, Stephenville

Grades: 6-8

| Outcome(s)                      |  | School       | Region       | Province     |
|---------------------------------|--|--------------|--------------|--------------|
| Cognitive Level                 | Outcome Description  | [N=75]       | [N=822]      | [N=4,875]    |
| Number Concepts                 |  |              |              |              |
| 6N1 (L1)                        | Identify the value of a digit in a given number  | 74.7         | 65.8         | 68.2         |
| 6N1 (L2)                        | Demonstrate an understanding of place value through base ten representations                     | 26.7         | 42.7         | 38.1         |
| 6N5 (L1)                        | Write and interpret ratios comparing part-to-whole   | 53.3         | 56.9         | 59.7         |
| 6N5 (L2)                        | Demonstrate an understanding of equivalent ratios  | 34.7         | 45.0         | 48.4         |
| 6N6 (L1)                        | Demonstrate an understanding of percent as ratio   | 54.7         | 47.2         | 50.0         |
| 6N6 (L3)                        | Demonstrate an understanding of percent as ratio   | 81.3         | 83.4         | 84.1         |
| 6N3 (L2)                        | Distinguish between prime and composite numbers  | 58.7         | 53.9         | 54.8         |
| 6N3 (L2)                        | Determine factors of a given number  | 65.3         | 68.9         | 66.3         |
| 6N4 (L1)                        | Place an improper fraction on a number line  | 22.7         | 33.3         | 38.2         |
| 6N7 (L3)                        | Select integer that best fits description  | 68.0         | 67.2         | 71.9         |
| Number Operations               |  |              |              |              |
| 6N8 (L2)                        | Compute products of whole numbers and decimals   | 79.5         | 81.0         | 83.1         |
| 6N2, 6N8 (L2)                   | Compute quotients of whole numbers and decimals  | 52.1         | 62.3         | 64.5         |
| 6N8 (L3)                        | Place decimal in correct position in a product of whole numbers and decimals                     | 82.2         | 82.4         | 83.8         |
| 6N2, 6N8 (L2)                   | Solve a problem that involves division of decimals   | 65.8         | 70.2         | 71.0         |
| 6N2, 6N8 (L2)                   | Solve a problem that involves multiplication of decimals   | 64.4         | 60.9         | 64.1         |
| 6N2 (L2)                        | Estimate the solution to a subtraction problem   | 50.7         | 50.3         | 53.4         |
| 6N2 (L3)                        | Determine number expression represented by base ten blocks                                       | 53.4         | 56.3         | 56.7         |
| 6N9 (L3)                        | Apply the order of operations to solve a problem   | 60.3         | 48.1         | 50.1         |
| 6N9 (L2)                        | Apply the order of operations to solve a problem   | 61.6         | 44.9         | 49.7         |
| Patterns and Relations          |  |              |              |              |
| 6PR1 (L2)                       | Identify the value of an unknown term in a table of values                                       | 77.8         | 83.3         | 84.2         |
| 6PR1 (L3)                       | Identify an error in a given table of values   | 90.3         | 87.3         | 87.9         |
| 6PR1, 6PR3 (L2)                 | Write a mathematical expression for a situation  | 25.0         | 22.2         | 24.4         |
| 6PR3 (L2)                       | Represent a pattern rule using a simple mathematical expression                                  | 68.1         | 53.3         | 53.5         |
| 6PR3 (L2)                       | Extend a pattern that is shown on a line graph   | 77.8         | 77.3         | 75.9         |
| 6PR4 (L2)                       | Identifying an equivalent equation for a given equation  | 56.9         | 46.3         | 50.3         |
| 6PR4 (L2)                       | Identifying an equivalent equation for a given model   | 20.8         | 23.9         | 28.9         |
| 6PR1, 6PR2 (L2) Shape and Space | Determine a mathematical expression for a situation and a table of values                        | 36.1         | 30.7         | 31.9         |
|                                 | Classify a given angle according to its manuf  | 00.0         | 00.0         | 00 5         |
| 6SS1 (L1)<br>6SS1 (L1)          | Classify a given angle according to its measure  | 83.3         | 80.8         | 82.5         |
|                                 | Estimate the measure of an angle<br>Demonstrate the sum of interior angles of a triangle is 180° | 86.1         | 85.0         | 85.9         |
| 6SS2 (L2)<br>6SS2 (L2)          | Demonstrate the sum of interior angles of a quadrilateral is 360°                                | 79.2         | 71.5         | 72.7         |
| 6SS3 (L2)                       | Find the perimeter and area of a given polygon   | 48.6         | 73.8<br>59.9 | 74.4<br>59.2 |
| 6SS3 (L1)                       | Find the volume of a given rectangular prism   | 31.9         | 42.4         | 43.1         |
| 6SS4 (L1)                       | Identify a given triangle according to its angle measures  |              |              |              |
| 6SS4 (L1)<br>6SS5 (L2)          | Sort a given set of polygons according to given attributes                                       | 68.1<br>66.7 | 61.1<br>55.9 | 63.5<br>57.4 |
|                                 | Identify congruent triangles   | 75.0         | 77.7         | 77.1         |
| 6SS4, 6SS5 (L1)                 | Identify the coordinates of two given points on a Cartesian plane                                |              |              |              |
| 6SS8 (L1)                       |  | 70.8         | 68.2         | 68.9         |
| 6SS6 (L1)                       | Describe the combined transformations performed on a 2-D shape                                   | 77.8         | 74.2         | 74.4         |
| 6SS9 (L1)                       | Describe the single transformation performed on a 2-D shape                                      | 72.2         | 79.1         | 80.4         |
| 6SS7 (L2)                       | Identify the successive transformations performed to create a design                             | 62.5         | 66.7         | 66.2         |



# **Elementary Mathematics Provincial Assessment, June 2014 School Report - Multiple Choice Items**

(Item Analysis: % of content answered correctly)

#### NLESD - Western Region

School #: 397 Belanger Memorial School, Upper Ferry

| Outcome(s)<br>Cognitive Level  | Outcome Description   | School<br>[N=18]  | <b>Region</b><br>[N=822]  | Province<br>[N=4,875   |
|--|---|---|---|--|
| Number Concepts  |   |   |   |  |
| 6N1 (L1)   | Identify the value of a digit in a given number   | 52.9  | 65.8  | 68.2   |
| 6N1 (L2)   | Demonstrate an understanding of place value through base ten representations  | 17.7  | 42.7  | 38.1   |
| 6N5 (L1)   | Write and interpret ratios comparing part-to-whole  | 58.8  | 56.9  | 59.7   |
| 6N5 (L2)   | Demonstrate an understanding of equivalent ratios   | 29.4  | 45.0  | 48.4   |
| 6N6 (L1)   | Demonstrate an understanding of percent as ratio  | 35.3  | 47.2  | 50.0   |
| 6N6 (L3)   | Demonstrate an understanding of percent as ratio  | 82.4  | 83.4  | 84.1   |
| 6N3 (L2)   | Distinguish between prime and composite numbers   | 35.3  | 53.9  | 54.8   |
| 6N3 (L2)   | Determine factors of a given number   | 64.7  | 68.9  | 66.3   |
| 6N4 (L1)   | Place an improper fraction on a number line   | 0.0   | 33.3  | 38.2   |
| 6N7 (L3)   | Select integer that best fits description   | 47.1  | 67.2  | 71.9   |
| Number Operations  |   |   |   |  |
| 6N8 (L2)   | Compute products of whole numbers and decimals  | 66.7  | 81.0  | 83.1   |
| 6N2, 6N8 (L2)  | Compute quotients of whole numbers and decimals   | 44.4  | 62.3  | 64.5   |
| 6N8 (L3)   | Place decimal in correct position in a product of whole numbers and decimals  | 72.2  | 82.4  | 83.8   |
| 6N2, 6N8 (L2)  | Solve a problem that involves division of decimals  | 61.1  | 70.2  | 71.0   |
| 6N2, 6N8 (L2)  | Solve a problem that involves multiplication of decimals  | 50.0  | 60.9  | 64.1   |
| 6N2 (L2)   | Estimate the solution to a subtraction problem  | 61.1  | 50.3  | 53.4   |
| 6N2 (L3)   | Determine number expression represented by base ten blocks  | 38.9  | 56.3  | 56.7   |
| 6N9 (L3)   | Apply the order of operations to solve a problem  | 22.2  | 48.1  | 50.1   |
| 6N9 (L2)   | Apply the order of operations to solve a problem  | 16.7  | 44.9  | 49.7   |
|  |   |   |   |  |
|  |   |   |   |  |
| Patterns and Relations<br>6PR1 (L2)  | Identify the value of an unknown term in a table of values  | 77.8  | 83.3  | 84.2   |
|  | Identify the value of an unknown term in a table of values<br>Identify an error in a given table of values  | 77.8  | 83.3<br>87.3  | 84.2<br>87.9   |
| 6PR1 (L2)  |   |   |   |  |
| 6PR1 (L2)<br>6PR1 (L3)   | Identify an error in a given table of values  | 83.3  | 87.3  | 87.9   |
| 6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)  | Identify an error in a given table of values<br>Write a mathematical expression for a situation   | 83.3<br>5.6   | 87.3<br>22.2  | 87.9<br>24.4   |
| 6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)   | Identify an error in a given table of values<br>Write a mathematical expression for a situation<br>Represent a pattern rule using a simple mathematical expression  | 83.3<br>5.6<br>50.0   | 87.3<br>22.2<br>53.3  | 87.9<br>24.4<br>53.5   |
| 6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)  | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph   | 83.3<br>5.6<br>50.0<br>83.3<br>33.3<br>11.1   | 87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9  | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9   |
| 6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)   | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation   | 83.3<br>5.6<br>50.0<br>83.3<br>33.3   | 87.3<br>22.2<br>53.3<br>77.3<br>46.3  | 87.9<br>24.4<br>53.5<br>75.9<br>50.3   |
| 6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)   | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model  | 83.3           5.6           50.0           83.3           33.3           11.1           11.1   | 87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7  | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9   |
| 6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br><b>Shape and Space</b><br>6SS1 (L1)   | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure  | 83.3           5.6           50.0           83.3           33.3           11.1           11.1           83.3  | 87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8  | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5   |
| 6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>Shape and Space   | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle   | 83.3           5.6           50.0           83.3           33.3           11.1           11.1   | 87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7  | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9   |
| 6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br><b>Shape and Space</b><br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)   | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°  | 83.3           5.6           50.0           83.3           33.3           11.1           11.1           83.3  | 87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8  | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5   |
| 6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br><b>Shape and Space</b><br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS2 (L2)  | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°  | 83.3           5.6           50.0           83.3           33.3           11.1           11.1           83.3           83.3   | 87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0  | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4                                 |
| 6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br><b>Shape and Space</b><br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS2 (L2)<br>6SS3 (L2)              | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°  | 83.3           5.6           50.0           83.3           33.3           11.1           11.1           83.3           83.3           72.2           55.6           61.1  | 87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0<br>71.5  | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2                         |
| 6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br><b>Shape and Space</b><br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS2 (L2)  | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism  | 83.3           5.6           50.0           83.3           33.3           11.1           11.1           83.3           83.3           72.2           55.6   | 87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0<br>71.5<br>73.8  | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4                                 |
| 6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br><b>Shape and Space</b><br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS2 (L2)<br>6SS3 (L2)                           | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures  | 83.3           5.6           50.0           83.3           33.3           11.1           11.1           83.3           83.3           72.2           55.6           61.1  | 87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0<br>71.5<br>73.8<br>59.9  | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2                         |
| 6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br><b>Shape and Space</b><br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L2)                           | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism  | 83.3           5.6           50.0           83.3           33.3           11.1           11.1           83.3           83.3           72.2           55.6           61.1           44.4                               | 87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0<br>71.5<br>73.8<br>59.9<br>42.4  | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1                 |
| 6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br><b>Shape and Space</b><br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L1)<br>6SS4 (L1) | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures  | 83.3           5.6           50.0           83.3           33.3           11.1           11.1           83.3           83.3           72.2           55.6           61.1           44.4           77.8                | 87.3         22.2         53.3         77.3         46.3         23.9         30.7         80.8         85.0         71.5         73.8         59.9         42.4         61.1 | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1<br>63.5         |
| 6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br><b>Shape and Space</b><br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L1)<br>6SS4 (L1)<br>6SS5 (L2) | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures         Sort a given set of polygons according to given attributes | 83.3           5.6           50.0           83.3           33.3           11.1           11.1           83.3           83.3           72.2           55.6           61.1           44.4           77.8           38.9 | 87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0<br>71.5<br>73.8<br>59.9<br>42.4<br>61.1<br>55.9  | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1<br>63.5<br>57.4 |

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6SS9 (L1)

6SS7 (L2)

Describe the single transformation performed on a 2-D shape

Identify the successive transformations performed to create a design

79.1

66.7

66.7

61.1

80.4

66.2



(Item Analysis: % of content answered correctly)

NLESD - Western Region

School #: 474 Cloud River Academy, Roddickton

Grades: K-12

| Outcome(s)<br>Cognitive Level             | Outcome Description  | School<br>[N=7] | <b>Region</b><br>[N=822] | <b>Province</b><br>[N=4,875] |
|---|--|-----------------|--------------------------|------------------------------|
| 5   |  | []              |                          |                              |
| Number Concepts                           |  | 57.4            | 05.0                     |                              |
| 6N1 (L1)                                  | Identify the value of a digit in a given number                              | 57.1            | 65.8                     | 68.2                         |
| 6N1 (L2)                                  | Demonstrate an understanding of place value through base ten representations | 0.0             | 42.7                     | 38.1                         |
| 6N5 (L1)                                  | Write and interpret ratios comparing part-to-whole                           | 0.0             | 56.9                     | 59.7                         |
| 6N5 (L2)                                  | Demonstrate an understanding of equivalent ratios                            | 14.3            | 45.0                     | 48.4                         |
| 6N6 (L1)                                  | Demonstrate an understanding of percent as ratio                             | 28.6            | 47.2                     | 50.0                         |
| 6N6 (L3)                                  | Demonstrate an understanding of percent as ratio                             | 85.7            | 83.4                     | 84.1                         |
| 6N3 (L2)                                  | Distinguish between prime and composite numbers                              | 42.9            | 53.9                     | 54.8                         |
| 6N3 (L2)                                  | Determine factors of a given number  | 57.1            | 68.9                     | 66.3                         |
| 6N4 (L1)                                  | Place an improper fraction on a number line                                  | 28.6            | 33.3                     | 38.2                         |
| 6N7 (L3)                                  | Select integer that best fits description                                    | 42.9            | 67.2                     | 71.9                         |
| Number Operations                         |  |                 |                          |                              |
| 6N8 (L2)                                  | Compute products of whole numbers and decimals                               | 71.4            | 81.0                     | 83.1                         |
| 6N2, 6N8 (L2)                             | Compute quotients of whole numbers and decimals                              | 42.9            | 62.3                     | 64.5                         |
| 6N8 (L3)                                  | Place decimal in correct position in a product of whole numbers and decimals | 85.7            | 82.4                     | 83.8                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves division of decimals                           | 85.7            | 70.2                     | 71.0                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves multiplication of decimals                     | 57.1            | 60.9                     | 64.1                         |
| 6N2 (L2)                                  | Estimate the solution to a subtraction problem                               | 42.9            | 50.3                     | 53.4                         |
| 6N2 (L3)                                  | Determine number expression represented by base ten blocks                   | 42.9            | 56.3                     | 56.7                         |
| 6N9 (L3)                                  | Apply the order of operations to solve a problem                             | 42.9            | 48.1                     | 50.1                         |
| 6N9 (L2)                                  | Apply the order of operations to solve a problem                             | 14.3            | 44.9                     | 49.7                         |
| Patterns and Relations                    | Identify the value of an unknown term in a table of values                   | 83.3            | 83.3                     | 84.2                         |
| 6PR1 (L2)                                 |  |                 |                          | -                            |
| 6PR1 (L3)                                 | Identify an error in a given table of values                                 | 100.0           | 87.3                     | 87.9                         |
| 6PR1, 6PR3 (L2)                           | Write a mathematical expression for a situation                              | 0.0             | 22.2                     | 24.4                         |
| 6PR3 (L2)                                 | Represent a pattern rule using a simple mathematical expression              | 16.7            | 53.3                     | 53.5                         |
| 6PR3 (L2)                                 | Extend a pattern that is shown on a line graph                               | 83.3            | 77.3                     | 75.9                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given equation                      | 33.3            | 46.3                     | 50.3                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given model                         | 0.0             | 23.9<br>30.7             | 28.9<br>31.9                 |
| 6PR1, 6PR2 (L2)<br><u>Shape and Space</u> | Determine a mathematical expression for a situation and a table of values    | 00.0            | 30.7                     | 51.9                         |
| 6SS1 (L1)                                 | Classify a given angle according to its measure                              | 100.0           | 80.8                     | 82.5                         |
| 6SS1 (L1)                                 | Estimate the measure of an angle   | 100.0           | 85.0                     | 85.9                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a triangle is 180°                 | 83.3            | 71.5                     | 72.7                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a quadrilateral is 360°            | 33.3            | 73.8                     | 74.4                         |
| 6SS3 (L2)                                 | Find the perimeter and area of a given polygon                               | 33.3            | 59.9                     | 59.2                         |
| 6SS3 (L1)                                 | Find the volume of a given rectangular prism                                 | 16.7            | 42.4                     | 43.1                         |
| 6SS4 (L1)                                 | Identify a given triangle according to its angle measures                    | 33.3            | 61.1                     | 63.5                         |
| 6SS5 (L2)                                 | Sort a given set of polygons according to given attributes                   | 66.7            | 55.9                     | 57.4                         |
| 6SS4, 6SS5 (L1)                           | Identify congruent triangles   | 83.3            | 77.7                     | 77.1                         |
| 6SS8 (L1)                                 | Identify the coordinates of two given points on a Cartesian plane            | 66.7            | 68.2                     | 68.9                         |
| 6SS6 (L1)                                 | Describe the combined transformations performed on a 2-D shape               | 100.0           | 74.2                     | 74.4                         |
| 6SS9 (L1)                                 | Describe the single transformation performed on a 2-D shape                  | 83.3            | 79.1                     | 80.4                         |
| 6SS7 (L2)                                 | Identify the successive transformations performed to create a design         | 50.0            | 66.7                     | 66.2                         |
|   |  | 50.0            | 00.7                     | 00.2                         |

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Source: Division of Evaluation and Research, Department of Education and Early Childhood Development

Mushuau Innu Natuashish and Peenamin McKenzie School are excluded from district and provincial results. L1 - Knowledge / Comprehension; L2 - Application; L3 - Analysis



(Item Analysis: % of content answered correctly)

NLESD - Western Region

School #: 475 Viking Trail Academy, Plum Point

| Grade | s: | K-1 | 2 |
|-------|----|-----|---|
|       |    |     |   |

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| Outcome(s)                          |  | School       | Region       | Province     |
|-------------------------------------|--|--------------|--------------|--------------|
| Cognitive Level                     | Outcome Description  | [N=16]       | [N=822]      | [N=4,875]    |
| Number Concepts                     |  |              |              |              |
| 6N1 (L1)                            | Identify the value of a digit in a given number  | 43.8         | 65.8         | 68.2         |
| 6N1 (L2)                            | Demonstrate an understanding of place value through base ten representations                                 | 31.3         | 42.7         | 38.1         |
| 6N5 (L1)                            | Write and interpret ratios comparing part-to-whole   | 31.3         | 56.9         | 59.7         |
| 6N5 (L2)                            | Demonstrate an understanding of equivalent ratios  | 25.0         | 45.0         | 48.4         |
| 6N6 (L1)                            | Demonstrate an understanding of percent as ratio   | 43.8         | 47.2         | 50.0         |
| 6N6 (L3)                            | Demonstrate an understanding of percent as ratio   | 75.0         | 83.4         | 84.1         |
| 6N3 (L2)                            | Distinguish between prime and composite numbers  | 25.0         | 53.9         | 54.8         |
| 6N3 (L2)                            | Determine factors of a given number  | 56.3         | 68.9         | 66.3         |
| 6N4 (L1)                            | Place an improper fraction on a number line  | 12.5         | 33.3         | 38.2         |
| 6N7 (L3)                            | Select integer that best fits description  | 62.5         | 67.2         | 71.9         |
| Number Operations                   |  |              |              |              |
| 6N8 (L2)                            | Compute products of whole numbers and decimals   | 62.5         | 81.0         | 83.1         |
| 6N2, 6N8 (L2)                       | Compute quotients of whole numbers and decimals  | 56.3         | 62.3         | 64.5         |
| 6N8 (L3)                            | Place decimal in correct position in a product of whole numbers and decimals                                 | 68.8         | 82.4         | 83.8         |
| 6N2, 6N8 (L2)                       | Solve a problem that involves division of decimals   | 56.3         | 70.2         | 71.0         |
| 6N2, 6N8 (L2)                       | Solve a problem that involves multiplication of decimals   | 37.5         | 60.9         | 64.1         |
| 6N2 (L2)                            | Estimate the solution to a subtraction problem   | 31.3         | 50.3         | 53.4         |
| 6N2 (L3)                            | Determine number expression represented by base ten blocks   | 56.3         | 56.3         | 56.7         |
| 6N9 (L3)                            |  | 12.5         | 48.1         | 50.1         |
| 6N9 (L2)                            | Apply the order of operations to solve a problem<br>Apply the order of operations to solve a problem         | 12.5         | 44.9         | 49.7         |
| Patterns and Relations<br>6PR1 (L2) | Identify the value of an unknown term in a table of values   | 50.0         | 83.3         | 84.2         |
| 6PR1 (L3)                           | Identify an error in a given table of values   |              |              | -            |
|                                     |  | 87.5         | 87.3         | 87.9         |
| 6PR1, 6PR3 (L2)                     | Write a mathematical expression for a situation  | 0.0          | 22.2         | 24.4         |
| 6PR3 (L2)                           | Represent a pattern rule using a simple mathematical expression  | 43.8         | 53.3         | 53.5         |
| 6PR3 (L2)                           | Extend a pattern that is shown on a line graph   | 81.3<br>43.8 | 77.3<br>46.3 | 75.9<br>50.3 |
| 6PR4 (L2)<br>6PR4 (L2)              | Identifying an equivalent equation for a given equation Identifying an equivalent equation for a given model | 6.3          | 23.9         | 28.9         |
| 6PR1, 6PR2 (L2)                     | Determine a mathematical expression for a situation and a table of values                                    | 18.8         | 30.7         | 31.9         |
| Shape and Space                     |  |              |              |              |
| 6SS1 (L1)                           | Classify a given angle according to its measure  | 75.0         | 80.8         | 82.5         |
| 6SS1 (L1)                           | Estimate the measure of an angle   | 75.0         | 85.0         | 85.9         |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a triangle is 180°   | 62.5         | 71.5         | 72.7         |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a quadrilateral is 360°  | 93.8         | 73.8         | 74.4         |
| 6SS3 (L2)                           | Find the perimeter and area of a given polygon   | 37.5         | 59.9         | 59.2         |
| 6SS3 (L1)                           | Find the volume of a given rectangular prism   | 31.3         | 42.4         | 43.1         |
| 6SS4 (L1)                           | Identify a given triangle according to its angle measures  | 50.0         | 61.1         | 63.5         |
| 6SS5 (L2)                           | Sort a given set of polygons according to given attributes   | 43.8         | 55.9         | 57.4         |
| 6SS4, 6SS5 (L1)                     | Identify congruent triangles   | 56.3         | 77.7         | 77.1         |
| 6SS8 (L1)                           | Identify the coordinates of two given points on a Cartesian plane  | 43.8         | 68.2         | 68.9         |
| 6SS6 (L1)                           | Describe the combined transformations performed on a 2-D shape   | 62.5         | 74.2         | 74.4         |
| 6SS9 (L1)                           | Describe the single transformation performed on a 2-D shape  | 56.3         | 79.1         | 80.4         |
|                                     |  | 50.5         | 19.1         | 00.4         |
| 6SS7 (L2)                           | Identify the successive transformations performed to create a design   | 62.5         | 66.7         | 66.2         |

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(Item Analysis: % of content answered correctly)

#### NLESD - Western Region

School #: 487 Labrador Straits Academy, L'Anse au Loup Grades: K-12

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|----|-----|-----|----|--|
|    |     |     |    |  |
|    |     |     |    |  |

| Outcome(s)<br>Cognitive Level   | Outcome Description  | School<br>[N=8] | <b>Region</b><br>[N=822] | <b>Province</b><br>[N=4,875] |
|---------------------------------|--|-----------------|--------------------------|------------------------------|
| ooginitto Lovol                 |  |                 |                          |                              |
| Number Concepts                 |  |                 |                          |                              |
| 6N1 (L1)                        | Identify the value of a digit in a given number                                  | 12.5            | 65.8                     | 68.2                         |
| 6N1 (L2)                        | Demonstrate an understanding of place value through base ten representations     | 62.5            | 42.7                     | 38.1                         |
| 6N5 (L1)                        | Write and interpret ratios comparing part-to-whole                               | 25.0            | 56.9                     | 59.7                         |
| 6N5 (L2)                        | Demonstrate an understanding of equivalent ratios                                | 50.0            | 45.0                     | 48.4                         |
| 6N6 (L1)                        | Demonstrate an understanding of percent as ratio                                 | 37.5            | 47.2                     | 50.0                         |
| 6N6 (L3)                        | Demonstrate an understanding of percent as ratio                                 | 87.5            | 83.4                     | 84.1                         |
| 6N3 (L2)                        | Distinguish between prime and composite numbers                                  | 0.0             | 53.9                     | 54.8                         |
| 6N3 (L2)                        | Determine factors of a given number  | 62.5            | 68.9                     | 66.3                         |
| 6N4 (L1)                        | Place an improper fraction on a number line                                      | 37.5            | 33.3                     | 38.2                         |
| 6N7 (L3)                        | Select integer that best fits description  | 87.5            | 67.2                     | 71.9                         |
| Number Operations               |  |                 |                          |                              |
| 6N8 (L2)                        | Compute products of whole numbers and decimals                                   | 75.0            | 81.0                     | 83.1                         |
| 6N2, 6N8 (L2)                   | Compute quotients of whole numbers and decimals                                  | 50.0            | 62.3                     | 64.5                         |
| 6N8 (L3)                        | Place decimal in correct position in a product of whole numbers and decimals     | 62.5            | 82.4                     | 83.8                         |
| 6N2, 6N8 (L2)                   | Solve a problem that involves division of decimals                               | 75.0            | 70.2                     | 71.0                         |
| 6N2, 6N8 (L2)                   | Solve a problem that involves multiplication of decimals                         | 37.5            | 60.9                     | 64.1                         |
| 6N2 (L2)                        | Estimate the solution to a subtraction problem                                   | 62.5            | 50.3                     | 53.4                         |
| 6N2 (L3)                        | Determine number expression represented by base ten blocks                       | 62.5            | 56.3                     | 56.7                         |
| 6N9 (L3)                        | Apply the order of operations to solve a problem                                 | 12.5            | 48.1                     | 50.1                         |
| 6N9 (L2)                        | Apply the order of operations to solve a problem                                 | 50.0            | 44.9                     | 49.7                         |
| Patterns and Relations          |  |                 |                          |                              |
| 6PR1 (L2)                       | Identify the value of an unknown term in a table of values                       | 100.0           | 83.3                     | 84.2                         |
| 6PR1 (L3)                       | Identify an error in a given table of values                                     | 100.0           | 87.3                     | 87.9                         |
| 6PR1, 6PR3 (L2)                 | Write a mathematical expression for a situation                                  | 25.0            | 22.2                     | 24.4                         |
| 6PR3 (L2)                       | Represent a pattern rule using a simple mathematical expression                  | 50.0            | 53.3                     | 53.5                         |
| 6PR3 (L2)                       | Extend a pattern that is shown on a line graph                                   | 75.0            | 77.3                     | 75.9                         |
| 6PR4 (L2)                       | Identifying an equivalent equation for a given equation                          | 12.5            | 46.3                     | 50.3                         |
| 6PR4 (L2)                       | Identifying an equivalent equation for a given model                             | 0.0             | 23.9                     | 28.9                         |
| 6PR1, 6PR2 (L2) Shape and Space | Determine a mathematical expression for a situation and a table of values        | 12.5            | 30.7                     | 31.9                         |
|                                 | Classify a given angle according to its measure                                  | 87.5            | 80.8                     | 82.5                         |
| 6SS1 (L1)<br>6SS1 (L1)          | Classify a given angle according to its measure Estimate the measure of an angle | 100.0           | 85.0                     | 85.9                         |
| 6SS2 (L2)                       | Demonstrate the sum of interior angles of a triangle is 180°                     |                 |                          |                              |
| 6SS2 (L2)                       | Demonstrate the sum of interior angles of a quadrilateral is 360°                | 75.0            | 71.5<br>73.8             | 72.7                         |
| 6SS3 (L2)                       | Find the perimeter and area of a given polygon                                   | 62.5            | 59.9                     | 59.2                         |
| 6SS3 (L1)                       | Find the volume of a given rectangular prism                                     | 37.5            | 42.4                     | 43.1                         |
| 6SS4 (L1)                       | Identify a given triangle according to its angle measures                        | 75.0            | 61.1                     | 63.5                         |
| 6SS5 (L2)                       | Sort a given set of polygons according to given attributes                       | 62.5            | 55.9                     | 57.4                         |
|                                 | Identify congruent triangles   | 87.5            | 77.7                     | 77.1                         |
| 6SS4, 6SS5 (L1)<br>6SS8 (L1)    | Identify the coordinates of two given points on a Cartesian plane                | 100.0           | 68.2                     | 68.9                         |
| 6SS6 (L1)                       | Describe the combined transformations performed on a 2-D shape                   | 62.5            | 74.2                     | 74.4                         |
| 6SS6 (L1)<br>6SS9 (L1)          | Describe the single transformation performed on a 2-D shape                      |                 |                          |                              |
| 6SS7 (L2)                       | Identify the successive transformations performed to create a design             | 87.5            | 79.1                     | 80.4                         |
|                                 | וערווונע ער איניגעראיז איז איז איז איז איז איז איז איז איז                       | 75.0            | 66.7                     | 66.2                         |

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(Item Analysis: % of content answered correctly)

#### NLESD - Western Region

School #: 488 French Shore Academy, Port Saunders

| Grades: | K-12 |  |
|---------|------|--|
|         |      |  |

| Outcome(s)  |   | School  | Region   | Province   |
|---|---|---|--|--|
| Cognitive Level   | Outcome Description   | [N=15]  | [N=822]  | [N=4,875]  |
| Number Concepts   |   |   |  |  |
| 6N1 (L1)  | Identify the value of a digit in a given number   | 61.5  | 65.8   | 68.2   |
| 6N1 (L2)  | Demonstrate an understanding of place value through base ten representations  | 38.5  | 42.7   | 38.1   |
| 6N5 (L1)  | Write and interpret ratios comparing part-to-whole  | 53.9  | 56.9   | 59.7   |
| 6N5 (L2)  | Demonstrate an understanding of equivalent ratios   | 15.4  | 45.0   | 48.4   |
| 6N6 (L1)  | Demonstrate an understanding of percent as ratio  | 30.8  | 47.2   | 50.0   |
| 6N6 (L3)  | Demonstrate an understanding of percent as ratio  | 84.6  | 83.4   | 84.1   |
| 6N3 (L2)  | Distinguish between prime and composite numbers   | 15.4  | 53.9   | 54.8   |
| 6N3 (L2)  | Determine factors of a given number   | 76.9  | 68.9   | 66.3   |
| 6N4 (L1)  | Place an improper fraction on a number line   | 46.2  | 33.3   | 38.2   |
| 6N7 (L3)  | Select integer that best fits description   | 61.5  | 67.2   | 71.9   |
| Number Operations   |   |   |  |  |
| 6N8 (L2)  | Compute products of whole numbers and decimals  | 73.3  | 81.0   | 83.1   |
| 6N2, 6N8 (L2)   | Compute quotients of whole numbers and decimals   | 66.7  | 62.3   | 64.5   |
| 6N8 (L3)  | Place decimal in correct position in a product of whole numbers and decimals  | 86.7  | 82.4   | 83.8   |
| 6N2, 6N8 (L2)   | Solve a problem that involves division of decimals  | 66.7  | 70.2   | 71.0   |
| 6N2, 6N8 (L2)   | Solve a problem that involves multiplication of decimals  | 60.0  | 60.9   | 64.1   |
| 6N2 (L2)  | Estimate the solution to a subtraction problem  | 46.7  | 50.3   | 53.4   |
|   | Determine number expression represented by base ten blocks  | 60.0  | 56.3   | 56.7   |
| 6N2 (L3)<br>6N9 (L3)  |   | 40.0  | 48.1   | 50.1   |
| 6N9 (L2)  | Apply the order of operations to solve a problem<br>Apply the order of operations to solve a problem  | 33.3  | 40.1   | 49.7   |
| Dettorne and Deletions  |   |   |  |  |
| Patterns and Relations<br>6PR1 (L2)   | Identify the value of an unknown term in a table of values  | 73.3  | 83.3   | 84.2   |
|   | Identify the value of an unknown term in a table of values<br>Identify an error in a given table of values  | 73.3  | 83.3<br>87.3   | 84.2<br>87.9   |
| 6PR1 (L2)<br>6PR1 (L3)  | Identify an error in a given table of values  | 80.0  | 87.3   | 87.9   |
| 6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)   | Identify an error in a given table of values<br>Write a mathematical expression for a situation   |   |  | -  |
| 6PR1 (L2)<br>6PR1 (L3)  | Identify an error in a given table of values  | 80.0  | 87.3<br>22.2   | 87.9<br>24.4   |
| 6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)  | Identify an error in a given table of values<br>Write a mathematical expression for a situation<br>Represent a pattern rule using a simple mathematical expression  | 80.0<br>13.3<br>46.7  | 87.3<br>22.2<br>53.3   | 87.9<br>24.4<br>53.5   |
| 6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)   | Identify an error in a given table of values<br>Write a mathematical expression for a situation<br>Represent a pattern rule using a simple mathematical expression<br>Extend a pattern that is shown on a line graph  | 80.0<br>13.3<br>46.7<br>73.3  | 87.3<br>22.2<br>53.3<br>77.3   | 87.9<br>24.4<br>53.5<br>75.9   |
| 6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)  | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation   | 80.0<br>13.3<br>46.7<br>73.3<br>26.7  | 87.3<br>22.2<br>53.3<br>77.3<br>46.3   | 87.9<br>24.4<br>53.5<br>75.9<br>50.3   |
| 6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br><b>Shape and Space</b>  | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values  | 80.0<br>13.3<br>46.7<br>73.3<br>26.7<br>6.7<br>26.7   | 87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7   | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9   |
| 6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br><b>Shape and Space</b><br>6SS1 (L1)   | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure  | 80.0<br>13.3<br>46.7<br>73.3<br>26.7<br>6.7<br>26.7<br>86.7   | 87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8   | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5   |
| 6PR1 (L2)         6PR1 (L3)         6PR1, 6PR3 (L2)         6PR3 (L2)         6PR3 (L2)         6PR4 (L2)         6PR4 (L2)         6PR1, 6PR2 (L2)         Shape and Space         6SS1 (L1)         6SS1 (L1)   | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle   | 80.0<br>13.3<br>46.7<br>73.3<br>26.7<br>6.7<br>26.7<br>86.7<br>86.7<br>93.3   | 87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0   | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9   |
| 6PR1 (L2)         6PR1 (L3)         6PR1, 6PR3 (L2)         6PR3 (L2)         6PR3 (L2)         6PR4 (L2)         6PR4 (L2)         6PR1, 6PR2 (L2)         Shape and Space         6SS1 (L1)         6SS2 (L2)   | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°  | 80.0<br>13.3<br>46.7<br>73.3<br>26.7<br>6.7<br>26.7<br>86.7<br>86.7<br>93.3<br>73.3   | 87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0<br>71.5   | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7   |
| 6PR1 (L2)         6PR1 (L3)         6PR1, 6PR3 (L2)         6PR3 (L2)         6PR3 (L2)         6PR4 (L2)         6PR4 (L2)         6PR4 (L2)         6PR1, 6PR2 (L2)         Shape and Space         6SS1 (L1)         6SS2 (L2)         6SS2 (L2)   | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°  | 80.0<br>13.3<br>46.7<br>73.3<br>26.7<br>6.7<br>26.7<br>86.7<br>93.3<br>73.3<br>73.3   | 87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0<br>71.5<br>73.8   | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4   |
| 6PR1 (L2)         6PR1 (L3)         6PR1, 6PR3 (L2)         6PR3 (L2)         6PR3 (L2)         6PR4 (L2)         6PR4 (L2)         6PR4 (L2)         6PR1, 6PR2 (L2)         Shape and Space         6SS1 (L1)         6SS2 (L2)         6SS3 (L2)   | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon   | 80.0<br>13.3<br>46.7<br>73.3<br>26.7<br>6.7<br>26.7<br>86.7<br>93.3<br>73.3<br>73.3<br>60.0   | 87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0<br>71.5<br>73.8<br>59.9   | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2   |
| 6PR1 (L2)         6PR1 (L3)         6PR1, 6PR3 (L2)         6PR3 (L2)         6PR3 (L2)         6PR4 (L2)         6PR4 (L2)         6PR4 (L2)         6PR1, 6PR2 (L2)         Shape and Space         6SS1 (L1)         6SS2 (L2)         6SS3 (L2)   | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism  | 80.0           13.3           46.7           73.3           26.7           6.7           26.7           93.3           73.3           73.3           60.0           46.7  | 87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0<br>71.5<br>73.8<br>59.9<br>42.4   | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1   |
| 6PR1 (L2)         6PR1 (L3)         6PR1, 6PR3 (L2)         6PR3 (L2)         6PR3 (L2)         6PR4 (L2)         6PR4 (L2)         6PR4 (L2)         6PR1, 6PR2 (L2)         Shape and Space         6SS1 (L1)         6SS2 (L2)         6SS3 (L2)         6SS3 (L1)         6SS4 (L1)   | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures  | 80.0           13.3           46.7           73.3           26.7           6.7           26.7           93.3           73.3           73.3           60.0           46.7           80.0   | 87.3         22.2         53.3         77.3         46.3         23.9         30.7         80.8         85.0         71.5         73.8         59.9         42.4         61.1  | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1<br>63.5   |
| 6PR1 (L2)         6PR1 (L3)         6PR1, 6PR3 (L2)         6PR3 (L2)         6PR3 (L2)         6PR4 (L2)         6PR4 (L2)         6PR4 (L2)         6PR1, 6PR2 (L2)         Shape and Space         6SS1 (L1)         6SS2 (L2)         6SS3 (L2)         6SS3 (L1)         6SS4 (L1)         6SS5 (L2)   | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures         Sort a given set of polygons according to given attributes   | 80.0           13.3           46.7           73.3           26.7           6.7           26.7           86.7           93.3           73.3           60.0           46.7           80.0           80.0  | 87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0<br>71.5<br>73.8<br>59.9<br>42.4<br>61.1<br>55.9   | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1<br>63.5<br>57.4   |
| 6PR1 (L2)         6PR1 (L3)         6PR1, 6PR3 (L2)         6PR3 (L2)         6PR3 (L2)         6PR4 (L2)         6PR4 (L2)         6PR4 (L2)         6PR1, 6PR2 (L2)         Shape and Space         6SS1 (L1)         6SS2 (L2)         6SS3 (L2)         6SS3 (L1)         6SS4 (L1)         6SS4, 6SS5 (L1)   | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Periodstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to given attributes         Identify congruent triangles   | 80.0           13.3           46.7           73.3           26.7           6.7           26.7           86.7           93.3           73.3           60.0           46.7           80.0           80.0           80.0           80.0           80.0                               | 87.3<br>22.2<br>53.3<br>77.3<br>46.3<br>23.9<br>30.7<br>80.8<br>85.0<br>71.5<br>73.8<br>59.9<br>42.4<br>61.1<br>55.9<br>77.7   | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1<br>63.5<br>57.4<br>77.1   |
| 6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6SS1 (L1)           6SS2 (L2)           6SS3 (L1)           6SS4 (L1)           6SS5 (L2)           6SS4 (L1)           6SS8 (L1)   | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to given attributes         Identify congruent triangles         Identify the coordinates of two given points on a Cartesian plane  | 80.0           13.3           46.7           73.3           26.7           6.7           26.7           86.7           93.3           73.3           60.0           46.7           80.0           80.0           80.0           80.0           80.0           80.0           53.3 | 87.3           22.2           53.3           77.3           46.3           23.9           30.7           80.8           85.0           71.5           73.8           59.9           42.4           61.1           55.9           77.7           68.2 | 87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5           57.4           77.1           68.9 |
| 6PR1 (L2)         6PR1 (L3)         6PR1, 6PR3 (L2)         6PR3 (L2)         6PR3 (L2)         6PR4 (L2)         6PR4 (L2)         6PR4 (L2)         6PR4 (L2)         6PR1, 6PR2 (L2)         Shape and Space         6SS1 (L1)         6SS2 (L2)         6SS3 (L2)         6SS3 (L1)         6SS5 (L2)         6SS4, 6SS5 (L1)         6SS8 (L1)         6SS6 (L1) | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to its angle measures         Sort a given set of polygons according to given attributes         Identify the coordinates of two given points on a Cartesian plane         Describe the combined transformations performed on a 2-D shape | 80.0           13.3           46.7           73.3           26.7           6.7           26.7           86.7           93.3           73.3           60.0           46.7           80.0           53.3           60.0           53.3           60.0                               | 87.3         22.2         53.3         77.3         46.3         23.9         30.7         80.8         85.0         71.5         73.8         59.9         42.4         61.1         55.9         77.7         68.2         74.2                    | 87.9         24.4         53.5         75.9         50.3         28.9         31.9         82.5         85.9         72.7         74.4         59.2         43.1         63.5         57.4         77.1         68.9         74.4                    |
| 6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6SS1 (L1)           6SS2 (L2)           6SS3 (L1)           6SS4 (L1)           6SS5 (L2)           6SS4 (L1)           6SS8 (L1)   | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to given attributes         Identify congruent triangles         Identify the coordinates of two given points on a Cartesian plane  | 80.0           13.3           46.7           73.3           26.7           6.7           26.7           86.7           93.3           73.3           60.0           46.7           80.0           80.0           80.0           80.0           80.0           80.0           53.3 | 87.3           22.2           53.3           77.3           46.3           23.9           30.7           80.8           85.0           71.5           73.8           59.9           42.4           61.1           55.9           77.7           68.2 | 87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5           57.4           77.1           68.9 |



# Elementary Mathematics Provincial Assessment, June 2014 School Report - Multiple Choice Items

(Item Analysis: % of content answered correctly)

NLESD - Western Region

School #: 953 White Hills Academy, St. Anthony Grades: K-12

| Outcome(s)<br>Cognitive Level             | Outcome Description  | School<br>[N=24] | Region<br>[N=822] | <b>Province</b><br>[N=4,875] |
|---|--|------------------|-------------------|------------------------------|
| Number Concepts                           |  |                  |                   |                              |
| 6N1 (L1)                                  | Identify the value of a digit in a given number                              | 45.8             | 65.8              | 68.2                         |
| 6N1 (L2)                                  | Demonstrate an understanding of place value through base ten representations | 33.3             | 42.7              | 38.1                         |
| 6N5 (L1)                                  | Write and interpret ratios comparing part-to-whole                           | 62.5             | 56.9              | 59.7                         |
| 6N5 (L2)                                  | Demonstrate an understanding of equivalent ratios                            | 62.5             | 45.0              | 48.4                         |
| 6N6 (L1)                                  | Demonstrate an understanding of percent as ratio                             | 50.0             | 47.2              | 50.0                         |
| 6N6 (L3)                                  | Demonstrate an understanding of percent as ratio                             | 91.7             | 83.4              | 84.1                         |
| 6N3 (L2)                                  | Distinguish between prime and composite numbers                              | 41.7             | 53.9              | 54.8                         |
| 6N3 (L2)                                  | Determine factors of a given number  | 66.7             | 68.9              | 66.3                         |
| 6N4 (L1)                                  | Place an improper fraction on a number line                                  | 37.5             | 33.3              | 38.2                         |
| 6N7 (L3)                                  | Select integer that best fits description                                    | 75.0             | 67.2              | 71.9                         |
| Number Operations                         |  |                  |                   |                              |
| 6N8 (L2)                                  | Compute products of whole numbers and decimals                               | 82.6             | 81.0              | 83.1                         |
| 6N2, 6N8 (L2)                             | Compute quotients of whole numbers and decimals                              | 60.9             | 62.3              | 64.5                         |
| 6N8 (L3)                                  | Place decimal in correct position in a product of whole numbers and decimals | 87.0             | 82.4              | 83.8                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves division of decimals                           | 82.6             | 70.2              | 71.0                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves multiplication of decimals                     | 65.2             | 60.9              | 64.1                         |
| 6N2 (L2)                                  | Estimate the solution to a subtraction problem                               | 30.4             | 50.3              | 53.4                         |
| 6N2 (L3)                                  | Determine number expression represented by base ten blocks                   | 69.6             | 56.3              | 56.7                         |
| 6N9 (L3)                                  | Apply the order of operations to solve a problem                             | 65.2             | 48.1              | 50.1                         |
| 6N9 (L2)                                  | Apply the order of operations to solve a problem                             | 56.5             | 44.9              | 49.7                         |
| Patterns and Relations                    |  |                  |                   |                              |
| 6PR1 (L2)                                 | Identify the value of an unknown term in a table of values                   | 81.8             | 83.3              | 84.2                         |
| 6PR1 (L3)                                 | Identify an error in a given table of values                                 | 90.9             | 87.3              | 87.9                         |
| 6PR1, 6PR3 (L2)                           | Write a mathematical expression for a situation                              | 31.8             | 22.2              | 24.4                         |
| 6PR3 (L2)                                 | Represent a pattern rule using a simple mathematical expression              | 54.6             | 53.3              | 53.5                         |
| 6PR3 (L2)                                 | Extend a pattern that is shown on a line graph                               | 77.3             | 77.3              | 75.9                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given equation                      | 54.6             | 46.3              | 50.3                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given model                         | 31.8             | 23.9              | 28.9                         |
| 6PR1, 6PR2 (L2)<br><u>Shape and Space</u> | Determine a mathematical expression for a situation and a table of values    | 31.8             | 30.7              | 31.9                         |
| 6SS1 (L1)                                 | Classify a given angle according to its measure                              | 90.5             | 80.8              | 82.5                         |
| 6SS1 (L1)                                 | Estimate the measure of an angle   | 90.5             | 85.0              | 85.9                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a triangle is 180°                 | 71.4             | 71.5              | 72.7                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a quadrilateral is 360°            | 66.7             | 73.8              | 74.4                         |
| 6SS3 (L2)                                 | Find the perimeter and area of a given polygon                               | 61.9             | 59.9              | 59.2                         |
| 6SS3 (L1)                                 | Find the volume of a given rectangular prism                                 | 42.9             | 42.4              | 43.1                         |
| 6SS4 (L1)                                 | Identify a given triangle according to its angle measures                    | 71.4             | 61.1              | 63.5                         |
| 6SS5 (L2)                                 | Sort a given set of polygons according to given attributes                   | 66.7             | 55.9              | 57.4                         |
| 6SS4, 6SS5 (L1)                           | Identify congruent triangles   | 90.5             | 77.7              | 77.1                         |
| 6SS8 (L1)                                 | Identify the coordinates of two given points on a Cartesian plane            | 52.4             | 68.2              | 68.9                         |
| 6SS6 (L1)                                 | Describe the combined transformations performed on a 2-D shape               | 90.5             | 74.2              | 74.4                         |
| 6SS9 (L1)                                 | Describe the single transformation performed on a 2-D shape                  |                  |                   |                              |
|   |  | 85.7             | 79.1              | 80.4                         |
| 6SS7 (L2)                                 | Identify the successive transformations performed to create a design         | 66.7             | 66.7              | 66.2                         |

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(Item Analysis: % of content answered correctly)

#### NLESD - Central Region

School #: 125 Copper Ridge Academy, Baie Verte

| Grades: | K-12 |
|---------|------|
|---------|------|

| Outcome(s)           |  | School       | Region       | Province     |
|----------------------|--|--------------|--------------|--------------|
| Cognitive Level      | Outcome Description  | [N=21]       | [N=847]      | [N=4,875]    |
| Number Concepts      |  |              |              |              |
| 6N1 (L1)             | Identify the value of a digit in a given number  | 66.7         | 72.7         | 68.2         |
| 6N1 (L2)             | Demonstrate an understanding of place value through base ten representations                         | 23.8         | 37.8         | 38.1         |
| 6N5 (L1)             | Write and interpret ratios comparing part-to-whole   | 28.6         | 63.9         | 59.7         |
| 6N5 (L2)             | Demonstrate an understanding of equivalent ratios  | 42.9         | 56.5         | 48.4         |
| 6N6 (L1)             | Demonstrate an understanding of percent as ratio   | 33.3         | 50.7         | 50.0         |
| 6N6 (L3)             | Demonstrate an understanding of percent as ratio   | 95.2         | 84.4         | 84.1         |
| 6N3 (L2)             | Distinguish between prime and composite numbers  | 71.4         | 61.2         | 54.8         |
| 6N3 (L2)             | Determine factors of a given number  | 85.7         | 70.3         | 66.3         |
| 6N4 (L1)             | Place an improper fraction on a number line  | 57.1         | 46.7         | 38.2         |
| 6N7 (L3)             | Select integer that best fits description  | 71.4         | 73.5         | 71.9         |
| Number Operations    |  |              |              |              |
| 6N8 (L2)             | Compute products of whole numbers and decimals   | 85.7         | 86.9         | 83.1         |
| 6N2, 6N8 (L2)        | Compute quotients of whole numbers and decimals  | 66.7         | 67.0         | 64.5         |
| 6N8 (L3)             | Place decimal in correct position in a product of whole numbers and decimals                         | 100.0        | 86.9         | 83.8         |
| 6N2, 6N8 (L2)        | Solve a problem that involves division of decimals   | 71.4         | 71.3         | 71.0         |
| 6N2, 6N8 (L2)        | Solve a problem that involves multiplication of decimals   | 66.7         | 66.0         | 64.1         |
| 6N2 (L2)             | Estimate the solution to a subtraction problem   | 38.1         | 56.0         | 53.4         |
|                      | •  | 81.0         | 62.7         | 56.7         |
| 6N2 (L3)             | Determine number expression represented by base ten blocks   |              |              |              |
| 6N9 (L3)<br>6N9 (L2) | Apply the order of operations to solve a problem<br>Apply the order of operations to solve a problem | 52.4<br>47.6 | 53.5<br>56.1 | 50.1<br>49.7 |
| 6PR1 (L2)            | Identify the value of an unknown term in a table of values   | 81.0         | 85.0         | 84.2         |
| 6PR1 (L3)            | Identify an error in a given table of values   | 76.2         | 89.1         | 87.9         |
| 6PR1, 6PR3 (L2)      | Write a mathematical expression for a situation  | 33.3         | 27.2         | 24.4         |
| 6PR3 (L2)            | Represent a pattern rule using a simple mathematical expression                                      | 61.9         | 58.0         | 53.5         |
| 6PR3 (L2)            | Extend a pattern that is shown on a line graph   | 81.0         | 75.2         | 75.9         |
| 6PR4 (L2)            | Identifying an equivalent equation for a given equation  | 61.9         | 54.8         | 50.3         |
| 6PR4 (L2)            | Identifying an equivalent equation for a given model   | 47.6         | 35.6         | 28.9         |
| 6PR1, 6PR2 (L2)      | Determine a mathematical expression for a situation and a table of values                            | 38.1         | 37.7         | 31.9         |
| Shape and Space      |  |              |              |              |
| 6SS1 (L1)            | Classify a given angle according to its measure  | 90.5         | 84.7         | 82.5         |
| 6SS1 (L1)            | Estimate the measure of an angle   | 95.2         | 86.2         | 85.9         |
| 6SS2 (L2)            | Demonstrate the sum of interior angles of a triangle is 180°   | 61.9         | 76.8         | 72.7         |
| 6SS2 (L2)            | Demonstrate the sum of interior angles of a quadrilateral is 360°                                    | 52.4         | 75.4         | 74.4         |
| 6SS3 (L2)            | Find the perimeter and area of a given polygon   | 61.9         | 61.9         | 59.2         |
| 6SS3 (L1)            | Find the volume of a given rectangular prism   | 33.3         | 47.6         | 43.1         |
| 6SS4 (L1)            | Identify a given triangle according to its angle measures  | 71.4         | 68.7         | 63.5         |
| 6SS5 (L2)            | Sort a given set of polygons according to given attributes   | 57.1         | 62.2         | 57.4         |
| 6SS4, 6SS5 (L1)      | Identify congruent triangles   | 81.0         | 81.8         | 77.1         |
| 6SS8 (L1)            | Identify the coordinates of two given points on a Cartesian plane                                    | 66.7         | 74.7         | 68.9         |
| 6SS6 (L1)            | Describe the combined transformations performed on a 2-D shape                                       | 71.4         | 75.9         | 74.4         |
| 6SS9 (L1)            | Describe the single transformation performed on a 2-D shape  | 85.7         | 83.3         | 80.4         |
| 6SS7 (L2)            | Identify the successive transformations performed to create a design                                 | 81.0         | 71.7         | 66.2         |
|                      |  | I            | I            | I            |

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Source: Division of Evaluation and Research, Department of Education and Early Childhood Development



(Item Analysis: % of content answered correctly)

NLESD - Central Region

School #: 133 Memorial Academy, Botwood

| Grade | es: ł | <-6 |
|-------|-------|-----|
|       |       |     |

| Outcome(s)<br>Cognitive Level             | Outcome Description  | School<br>[N=53]     | <b>Region</b><br>[N=847] | <b>Province</b><br>[N=4,875] |
|---|--|----------------------|--------------------------|------------------------------|
| Number Concepts                           |  |                      |                          |                              |
| 6N1 (L1)                                  | Identify the value of a digit in a given number                              | 86.5                 | 72.7                     | 68.2                         |
| 6N1 (L2)                                  | Demonstrate an understanding of place value through base ten representations | 26.9                 | 37.8                     | 38.1                         |
| 6N5 (L1)                                  | Write and interpret ratios comparing part-to-whole                           | 69.2                 | 63.9                     | 59.7                         |
| 6N5 (L2)                                  | Demonstrate an understanding of equivalent ratios                            | 55.8                 | 56.5                     | 48.4                         |
| 6N6 (L1)                                  | Demonstrate an understanding of percent as ratio                             | 46.2                 | 50.7                     | 50.0                         |
| 6N6 (L3)                                  | Demonstrate an understanding of percent as ratio                             | 75.0                 | 84.4                     | 84.1                         |
| 6N3 (L2)                                  | Distinguish between prime and composite numbers                              | 65.4                 | 61.2                     | 54.8                         |
| 6N3 (L2)                                  | Determine factors of a given number  | 76.9                 | 70.3                     | 66.3                         |
| 6N4 (L1)                                  | Place an improper fraction on a number line                                  | 46.2                 | 46.7                     | 38.2                         |
| 6N7 (L3)                                  | Select integer that best fits description                                    | 73.1                 | 73.5                     | 71.9                         |
| Number Operations                         |  |                      |                          |                              |
| 6N8 (L2)                                  | Compute products of whole numbers and decimals                               | 80.8                 | 86.9                     | 83.1                         |
| 6N2, 6N8 (L2)                             | Compute quotients of whole numbers and decimals                              | 57.7                 | 67.0                     | 64.5                         |
| 6N8 (L3)                                  | Place decimal in correct position in a product of whole numbers and decimals | 86.5                 | 86.9                     | 83.8                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves division of decimals                           | 65.4                 | 71.3                     | 71.0                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves multiplication of decimals                     | 61.5                 | 66.0                     | 64.1                         |
| 6N2 (L2)                                  | Estimate the solution to a subtraction problem                               | 46.2                 | 56.0                     | 53.4                         |
| 6N2 (L3)                                  | Determine number expression represented by base ten blocks                   | 46.2                 | 62.7                     | 56.7                         |
| 6N9 (L3)                                  | Apply the order of operations to solve a problem                             | 57.7                 | 53.5                     | 50.1                         |
| 6N9 (L2)                                  | Apply the order of operations to solve a problem                             | 55.8                 | 56.1                     | 49.7                         |
| Patterns and Relations 6PR1 (L2)          | Identify the value of an unknown term in a table of values                   | 90.0                 | 85.0                     | 84.2                         |
| 6PR1 (L3)                                 | Identify an error in a given table of values                                 | 86.0                 | 89.1                     | 87.9                         |
| 6PR1, 6PR3 (L2)                           | Write a mathematical expression for a situation                              | 16.0                 | 27.2                     | 24.4                         |
| 6PR3 (L2)                                 | Represent a pattern rule using a simple mathematical expression              | 72.0                 | 58.0                     | 53.5                         |
| 6PR3 (L2)                                 | Extend a pattern that is shown on a line graph                               | 68.0                 | 75.2                     | 75.9                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given equation                      | 66.0                 | 54.8                     | 50.3                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given model                         | 24.0                 | 35.6                     | 28.9                         |
| 6PR1, 6PR2 (L2)<br><u>Shape and Space</u> | Determine a mathematical expression for a situation and a table of values    | 18.0                 | 37.7                     | 31.9                         |
| 6SS1 (L1)                                 | Classify a given angle according to its measure                              | 80.0                 | 84.7                     | 82.5                         |
| 6SS1 (L1)                                 | Estimate the measure of an angle   | 82.0                 | 86.2                     | 85.9                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a triangle is 180°                 | 66.0                 | 76.8                     | 72.7                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a quadrilateral is 360°            | 70.0                 | 75.4                     | 74.4                         |
| 6SS3 (L2)                                 | Find the perimeter and area of a given polygon                               | 54.0                 | 61.9                     | 59.2                         |
| 6SS3 (L1)                                 | Find the volume of a given rectangular prism                                 | 40.0                 | 47.6                     | 43.1                         |
| 6SS4 (L1)                                 | Identify a given triangle according to its angle measures                    | 64.0                 | 68.7                     | 63.5                         |
| 6SS5 (L2)                                 | Sort a given set of polygons according to given attributes                   | 50.0                 | 62.2                     | 57.4                         |
| 6SS4, 6SS5 (L1)                           | Identify congruent triangles   | 76.0                 | 81.8                     | 77.1                         |
| 6SS8 (L1)                                 | Identify the coordinates of two given points on a Cartesian plane            | 82.0                 | 74.7                     | 68.9                         |
|   |  | 02.0                 | 1                        | 00.3                         |
| 6556 (11)                                 |  | 84.0                 | 75.0                     | 74.4                         |
| 6SS6 (L1)                                 | Describe the combined transformations performed on a 2-D shape               | 84.0                 | 75.9                     | 74.4                         |
| 6SS6 (L1)<br>6SS9 (L1)<br>6SS7 (L2)       |  | 84.0<br>84.0<br>74.0 | 75.9<br>83.3<br>71.7     | 74.4<br>80.4<br>66.2         |

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### Elementary Mathematics Provincial Assessment, June 2014 School Report - Multiple Choice Items (Item Analysis: % of content answered correctly)

NLESD - Central Region

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School #: 138 Victoria Academy, Gaultois Grades: K-1,4-7,9-12

| Outcome(s)<br>Cognitive Level  | Outcome Description  | School<br>[N=4]                                    | <b>Region</b><br>[N=847]   | <b>Province</b><br>[N=4,875]   |
|--|--|--|--|--|
| Number Concepts  |  |  |  |  |
| 6N1 (L1)   | Identify the value of a digit in a given number  |  | 72.7   | 68.2   |
| 6N1 (L2)   | Demonstrate an understanding of place value through base ten representations   | School data  | 37.8   | 38.1   |
| 6N5 (L1)   | Write and interpret ratios comparing part-to-whole   | with 5 or  | 63.9   | 59.7   |
| 6N5 (L2)   | Demonstrate an understanding of equivalent ratios  | fewer  | 56.5   | 48.4   |
| 6N6 (L1)   | Demonstrate an understanding of percent as ratio   | students   | 50.7   | 50.0   |
| 6N6 (L3)   | Demonstrate an understanding of percent as ratio   | withheld for reasons of                            | 84.4   | 84.1   |
| 6N3 (L2)   | Distinguish between prime and composite numbers  | confidentiality                                    | 61.2   | 54.8   |
| 6N3 (L2)   | Determine factors of a given number  |  | 70.3   | 66.3   |
| 6N4 (L1)   | Place an improper fraction on a number line  |  | 46.7   | 38.2   |
| 6N7 (L3)   | Select integer that best fits description  |  | 73.5   | 71.9   |
| Number Operations  |  |  |  |  |
| 6N8 (L2)   | Compute products of whole numbers and decimals   |  | 86.9   | 83.1   |
| 6N2, 6N8 (L2)  | Compute quotients of whole numbers and decimals  |  | 67.0   | 64.5   |
| 6N8 (L3)   | Place decimal in correct position in a product of whole numbers and decimals   |  | 86.9   | 83.8   |
| 6N2, 6N8 (L2)  | Solve a problem that involves division of decimals   |  | 71.3   | 71.0   |
| 6N2, 6N8 (L2)  | Solve a problem that involves multiplication of decimals   |  | 66.0   | 64.1   |
| 6N2 (L2)   | Estimate the solution to a subtraction problem   |  | 56.0   | 53.4   |
|  | Determine number expression represented by base ten blocks   |  | 62.7   | 56.7   |
| 6N2 (L3)   | Determine number expression represented by base ten blocks   |  |  | 1  |
| 6N2 (L3)<br>6N9 (L3)   | Apply the order of operations to solve a problem   |  | 53.5   | 50.1   |
|  |  |  | 53.5<br>56.1   | 50.1<br>49.7   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations   | Apply the order of operations to solve a problem<br>Apply the order of operations to solve a problem   | _  |  |  |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)  | Apply the order of operations to solve a problem         Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values   |  | 56.1<br>85.0   | 49.7<br>84.2   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)   | Apply the order of operations to solve a problem         Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values  |  | 56.1<br>85.0<br>89.1   | 49.7<br>84.2<br>87.9   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)  | Apply the order of operations to solve a problem         Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation  |  | 56.1<br>85.0<br>89.1<br>27.2   | 49.7<br>84.2<br>87.9<br>24.4   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)   | Apply the order of operations to solve a problem         Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression  |  | 56.1<br>85.0<br>89.1<br>27.2<br>58.0   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)  | Apply the order of operations to solve a problem         Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph   |  | 56.1<br>85.0<br>89.1<br>27.2   | 49.7<br>84.2<br>87.9<br>24.4   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)   | Apply the order of operations to solve a problem         Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression  |  | 56.1<br>85.0<br>89.1<br>27.2<br>58.0<br>75.2   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)  | Apply the order of operations to solve a problem         Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation   |  | 56.1<br>85.0<br>89.1<br>27.2<br>58.0<br>75.2<br>54.8   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L2)<br>6PR1 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)   | Apply the order of operations to solve a problem         Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given model  |  | 56.1<br>85.0<br>89.1<br>27.2<br>58.0<br>75.2<br>54.8<br>35.6   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>Shape and Space<br>6SS1 (L1)   | Apply the order of operations to solve a problem         Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given model  |  | 56.1<br>85.0<br>89.1<br>27.2<br>58.0<br>75.2<br>54.8<br>35.6   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1 (L3)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>Shape and Space<br>6SS1 (L1)<br>6SS1 (L1)  | Apply the order of operations to solve a problem         Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle   |  | 56.1<br>85.0<br>89.1<br>27.2<br>58.0<br>75.2<br>54.8<br>35.6<br>37.7   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1 (L3)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>Shape and Space<br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)   | Apply the order of operations to solve a problem         Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values  |  | 56.1<br>85.0<br>89.1<br>27.2<br>58.0<br>75.2<br>54.8<br>35.6<br>37.7<br>84.7   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1 (L3)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1 , 6PR2 (L2)<br>Shape and Space<br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS2 (L2)  | Apply the order of operations to solve a problem         Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°  |  | 56.1<br>85.0<br>89.1<br>27.2<br>58.0<br>75.2<br>54.8<br>35.6<br>37.7<br>84.7<br>86.2   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>Shape and Space<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS2 (L2)<br>6SS3 (L2)  | Apply the order of operations to solve a problem         Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°  |  | 56.1<br>85.0<br>89.1<br>27.2<br>58.0<br>75.2<br>54.8<br>35.6<br>37.7<br>84.7<br>84.7<br>86.2<br>76.8   | 49.7           84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7  |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1 (L3)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>Shape and Space<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L1)   | Apply the order of operations to solve a problem         Apply the order of operations to solve a problem         Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism   |  | 56.1<br>85.0<br>89.1<br>27.2<br>58.0<br>75.2<br>54.8<br>35.6<br>37.7<br>84.7<br>84.7<br>86.2<br>76.8<br>75.4   | 49.7           84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4   |
| 6N9 (L3)           6N9 (L2)           Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1 (L3)           6PR1 (L2)           6PR3 (L2)           6PR4 (L2)           6SS1 (L1)           6SS2 (L2)           6SS3 (L1)           6SS4 (L1) | Apply the order of operations to solve a problem         Apply the order of operations to solve a problem         Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures   | 100.0<br>100.0                                     | 56.1         85.0         89.1         27.2         58.0         75.2         54.8         35.6         37.7         84.7         86.2         76.8         75.4         61.9         47.6         68.7  | 49.7           84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5  |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1 (L3)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>Shape and Space<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L1)   | Apply the order of operations to solve a problem         Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to its angle measures   | 100.0<br>100.0<br>100.0                            | 56.1         85.0         89.1         27.2         58.0         75.2         54.8         35.6         37.7         84.7         86.2         76.8         75.4         61.9         47.6         68.7         62.2                           | 49.7           84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5           57.4                               |
| 6N9 (L3)           6N9 (L2)           Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1 (L3)           6PR1 (L2)           6PR3 (L2)           6PR4 (L2)           6SS1 (L1)           6SS2 (L2)           6SS3 (L1)           6SS4 (L1) | Apply the order of operations to solve a problem         Apply the order of operations to solve a problem         Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures   | 100.0<br>100.0                                     | 56.1         85.0         89.1         27.2         58.0         75.2         54.8         35.6         37.7         84.7         86.2         76.8         75.4         61.9         47.6         68.7  | 49.7           84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5  |
| 6N9 (L3)           6N9 (L2)           Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1 (L3)           6PR1 (L2)           6PR3 (L2)           6PR4 (L2)           6PR3 (L1)           6SS1 (L1)           6SS3 (L2)           6SS3 (L1)           6SS4 (L1)           6SS5 (L2)   | Apply the order of operations to solve a problem         Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to its angle measures   | 100.0<br>100.0<br>100.0                            | 56.1         85.0         89.1         27.2         58.0         75.2         54.8         35.6         37.7         84.7         86.2         76.8         75.4         61.9         47.6         68.7         62.2                           | 49.7           84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5           57.4                               |
| 6N9 (L3)           6N9 (L2)           Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1 (L3)           6PR1 (6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6PR3 (L1)           6SS1 (L1)           6SS2 (L2)           6SS3 (L1)           6SS4 (L1)           6SS4 (L2)   | Apply the order of operations to solve a problem         Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures         Sort a given set of polygons according to given attributes         Identify a given triangles  | 100.0<br>100.0<br>100.0<br>100.0                   | 56.1         85.0         89.1         27.2         58.0         75.2         54.8         35.6         37.7         84.7         86.2         76.8         75.4         61.9         47.6         68.7         62.2         81.8              | 49.7           84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5           57.4           77.1                |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L1)<br>6SS4 (L1)<br>6SS4 (SS5 (L1)<br>6SS8 (L1)<br>6SS8 (L1)  | Apply the order of operations to solve a problem         Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures         Sort a given set of polygons according to given attributes         Identify the coordinates of two given points on a Cartesian plane | 100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0 | 56.1         85.0         89.1         27.2         58.0         75.2         54.8         35.6         37.7         84.7         86.2         76.8         75.4         61.9         47.6         68.7         62.2         81.8         74.7 | 49.7           84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5           57.4           77.1           68.9 |

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(Item Analysis: % of content answered correctly)

NLESD - Central Region

School #: 143 Millcrest Academy, Grand Falls-Windsor

| Outcome(s)<br>Cognitive Level | Outcome Description  | School<br>[N=98] | <b>Region</b><br>[N=847] | <b>Province</b><br>[N=4,875] |
|-------------------------------|--|------------------|--------------------------|------------------------------|
| Number Concepts               |  |                  |                          |                              |
| 6N1 (L1)                      | Identify the value of a digit in a given number                              | 84.4             | 72.7                     | 68.2                         |
| 6N1 (L2)                      | Demonstrate an understanding of place value through base ten representations | 49.0             | 37.8                     | 38.1                         |
| 6N5 (L1)                      | Write and interpret ratios comparing part-to-whole                           | 61.5             | 63.9                     | 59.7                         |
| 6N5 (L2)                      | Demonstrate an understanding of equivalent ratios                            | 60.4             | 56.5                     | 48.4                         |
| 6N6 (L1)                      | Demonstrate an understanding of percent as ratio                             | 69.8             | 50.7                     | 50.0                         |
| 6N6 (L3)                      | Demonstrate an understanding of percent as ratio                             | 89.6             | 84.4                     | 84.1                         |
| 6N3 (L2)                      | Distinguish between prime and composite numbers                              | 78.1             | 61.2                     | 54.8                         |
| 6N3 (L2)                      | Determine factors of a given number  | 86.5             | 70.3                     | 66.3                         |
| 6N4 (L1)                      | Place an improper fraction on a number line                                  | 65.6             | 46.7                     | 38.2                         |
| 6N7 (L3)                      | Select integer that best fits description                                    | 82.3             | 73.5                     | 71.9                         |
| Number Operations             |  |                  |                          |                              |
| 6N8 (L2)                      | Compute products of whole numbers and decimals                               | 95.8             | 86.9                     | 83.1                         |
| 6N2, 6N8 (L2)                 | Compute quotients of whole numbers and decimals                              | 82.1             | 67.0                     | 64.5                         |
| 6N8 (L3)                      | Place decimal in correct position in a product of whole numbers and decimals | 93.7             | 86.9                     | 83.8                         |
| 6N2, 6N8 (L2)                 | Solve a problem that involves division of decimals                           | 83.2             | 71.3                     | 71.0                         |
| 6N2, 6N8 (L2)                 | Solve a problem that involves multiplication of decimals                     | 71.6             | 66.0                     | 64.1                         |
| 6N2 (L2)                      | Estimate the solution to a subtraction problem                               | 61.1             | 56.0                     | 53.4                         |
| 6N2 (L3)                      | Determine number expression represented by base ten blocks                   | 68.4             | 62.7                     | 56.7                         |
| 6N9 (L3)                      | Apply the order of operations to solve a problem                             | 62.1             | 53.5                     | 50.1                         |
| 6N9 (L2)                      | Apply the order of operations to solve a problem                             | 66.3             | 56.1                     | 49.7                         |
| Patterns and Relations        | Identify the value of an unknown term in a table of values                   | 87.6             | 85.0                     | 84.2                         |
|                               |  |                  |                          | -                            |
| 6PR1 (L3)                     | Identify an error in a given table of values                                 | 91.8             | 89.1                     | 87.9                         |
| 6PR1, 6PR3 (L2)               | Write a mathematical expression for a situation                              | 33.0             | 27.2                     | 24.4                         |
| 6PR3 (L2)                     | Represent a pattern rule using a simple mathematical expression              | 74.2             | 58.0                     | 53.5                         |
| 6PR3 (L2)                     | Extend a pattern that is shown on a line graph                               | 77.3             | 75.2                     | 75.9                         |
| 6PR4 (L2)                     | Identifying an equivalent equation for a given equation                      | 71.1             | 54.8                     | 50.3                         |
| 6PR4 (L2)<br>6PR1, 6PR2 (L2)  | Identifying an equivalent equation for a given model                         | 30.9<br>50.5     | 35.6<br>37.7             | 28.9<br>31.9                 |
| Shape and Space               | Determine a mathematical expression for a situation and a table of values    | 50.5             | 51.1                     | 51.5                         |
| 6SS1 (L1)                     | Classify a given angle according to its measure                              | 95.8             | 84.7                     | 82.5                         |
| 6SS1 (L1)                     | Estimate the measure of an angle   | 91.6             | 86.2                     | 85.9                         |
| 6SS2 (L2)                     | Demonstrate the sum of interior angles of a triangle is 180°                 | 86.3             | 76.8                     | 72.7                         |
| 6SS2 (L2)                     | Demonstrate the sum of interior angles of a quadrilateral is 360°            | 84.2             | 75.4                     | 74.4                         |
| 6SS3 (L2)                     | Find the perimeter and area of a given polygon                               | 68.4             | 61.9                     | 59.2                         |
| 6SS3 (L1)                     | Find the volume of a given rectangular prism                                 | 60.0             | 47.6                     | 43.1                         |
| 6SS4 (L1)                     | Identify a given triangle according to its angle measures                    | 82.1             | 68.7                     | 63.5                         |
| 6SS5 (L2)                     | Sort a given set of polygons according to given attributes                   | 68.4             | 62.2                     | 57.4                         |
| 6SS4, 6SS5 (L1)               | Identify congruent triangles   | 84.2             | 81.8                     | 77.1                         |
| 6SS8 (L1)                     | Identify the coordinates of two given points on a Cartesian plane            | 87.4             | 74.7                     | 68.9                         |
| 6SS6 (L1)                     | Describe the combined transformations performed on a 2-D shape               | 81.1             | 75.9                     | 74.4                         |
| 6SS9 (L1)                     | Describe the single transformation performed on a 2-D shape                  | 89.5             | 83.3                     | 80.4                         |
|                               | Identify the successive transformations performed to create a design         |                  |                          |                              |
| 6SS7 (L2)                     | · · · · · · · · · · · · · · · · · · ·  | 74.7             | 71.7                     | 66.2                         |

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Source: Division of Evaluation and Research, Department of Education and Early Childhood Development



### Elementary Mathematics Provincial Assessment, June 2014 School Report - Multiple Choice Items (Item Analysis: % of content answered correctly)

NLESD - Central Region

School #: 144 Sprucewood Academy, Grand Falls-Windsor

Grades: K-6

| Outcome(s)<br>Cognitive Level      | Outcome Description  | School<br>[N=35] | <b>Region</b><br>[N=847] | <b>Province</b><br>[N=4,875] |
|------------------------------------|--|------------------|--------------------------|------------------------------|
| Number Concepts                    |  |                  |                          |                              |
| 6N1 (L1)                           | Identify the value of a digit in a given number  | 74.3             | 72.7                     | 68.2                         |
| 6N1 (L2)                           | Demonstrate an understanding of place value through base ten representations                     | 57.1             | 37.8                     | 38.1                         |
| 6N5 (L1)                           | Write and interpret ratios comparing part-to-whole   | 71.4             | 63.9                     | 59.7                         |
| 6N5 (L2)                           | Demonstrate an understanding of equivalent ratios  | 25.7             | 56.5                     | 48.4                         |
| 6N6 (L1)                           | Demonstrate an understanding of percent as ratio   | 34.3             | 50.7                     | 50.0                         |
| 6N6 (L3)                           | Demonstrate an understanding of percent as ratio   | 91.4             | 84.4                     | 84.1                         |
| 6N3 (L2)                           | Distinguish between prime and composite numbers  | 62.9             | 61.2                     | 54.8                         |
| 6N3 (L2)                           | Determine factors of a given number  | 62.9             | 70.3                     | 66.3                         |
| 6N4 (L1)                           | Place an improper fraction on a number line  | 51.4             | 46.7                     | 38.2                         |
| 6N7 (L3)                           | Select integer that best fits description  | 68.6             | 73.5                     | 71.9                         |
| Number Operations                  |  |                  |                          |                              |
| 6N8 (L2)                           | Compute products of whole numbers and decimals   | 90.3             | 86.9                     | 83.1                         |
| 6N2, 6N8 (L2)                      | Compute quotients of whole numbers and decimals  | 61.3             | 67.0                     | 64.5                         |
| 6N8 (L3)                           | Place decimal in correct position in a product of whole numbers and decimals                     | 77.4             | 86.9                     | 83.8                         |
| 6N2, 6N8 (L2)                      | Solve a problem that involves division of decimals   | 41.9             | 71.3                     | 71.0                         |
| 6N2, 6N8 (L2)                      | Solve a problem that involves multiplication of decimals   | 77.4             | 66.0                     | 64.1                         |
| 6N2 (L2)                           | Estimate the solution to a subtraction problem   | 41.9             | 56.0                     | 53.4                         |
| 6N2 (L3)                           | Determine number expression represented by base ten blocks                                       | 58.1             | 62.7                     | 56.7                         |
| 6N9 (L3)                           | Apply the order of operations to solve a problem   | 48.4             | 53.5                     | 50.1                         |
| 6N9 (L2)                           | Apply the order of operations to solve a problem   | 64.5             | 56.1                     | 49.7                         |
| Patterns and Relations             |  |                  |                          |                              |
| 6PR1 (L2)                          | Identify the value of an unknown term in a table of values                                       | 90.3             | 85.0                     | 84.2                         |
| 6PR1 (L3)                          | Identify an error in a given table of values   | 80.7             | 89.1                     | 87.9                         |
| 6PR1, 6PR3 (L2)                    | Write a mathematical expression for a situation  | 25.8             | 27.2                     | 24.4                         |
| 6PR3 (L2)                          | Represent a pattern rule using a simple mathematical expression                                  | 58.1             | 58.0                     | 53.5                         |
| 6PR3 (L2)                          | Extend a pattern that is shown on a line graph   | 90.3             | 75.2                     | 75.9                         |
| 6PR4 (L2)                          | Identifying an equivalent equation for a given equation  | 51.6             | 54.8                     | 50.3                         |
| 6PR4 (L2)                          | Identifying an equivalent equation for a given model   | 29.0             | 35.6                     | 28.9                         |
| 6PR1, 6PR2 (L2)<br>Shape and Space | Determine a mathematical expression for a situation and a table of values                        | 51.6             | 37.7                     | 31.9                         |
|                                    |  | 07.4             | 047                      | 00.5                         |
| 6SS1 (L1)<br>6SS1 (L1)             | Classify a given angle according to its measure  | 87.1             | 84.7<br>86.2             | 82.5<br>85.9                 |
| 6SS2 (L2)                          | Estimate the measure of an angle<br>Demonstrate the sum of interior angles of a triangle is 180° |                  |                          |                              |
| 6SS2 (L2)                          | Demonstrate the sum of interior angles of a quadrilateral is 360°                                | 90.3             | 76.8                     | 72.7                         |
| 6SS3 (L2)                          | Find the perimeter and area of a given polygon   | 71.0             | 75.4                     | 74.4                         |
| 6SS3 (L1)                          | Find the volume of a given rectangular prism   | 61.3<br>35.5     | 61.9<br>47.6             | 59.2<br>43.1                 |
|                                    | Identify a given triangle according to its angle measures  |                  |                          |                              |
| 6SS4 (L1)<br>6SS5 (L2)             | Sort a given set of polygons according to given attributes                                       | 67.7             | 68.7<br>62.2             | 63.5<br>57.4                 |
| . ,                                | Identify congruent triangles   | 71.0             | 81.8                     | 77.1                         |
| 6SS4, 6SS5 (L1)                    | Identify the coordinates of two given points on a Cartesian plane                                | _                |                          |                              |
| 6SS8 (L1)                          |  | 67.7             | 74.7                     | 68.9<br>74.4                 |
| 6SS6 (L1)<br>6SS9 (L1)             | Describe the combined transformations performed on a 2-D shape                                   | 80.7             | 75.9                     |                              |
|                                    | Describe the single transformation performed on a 2-D shape                                      | 87.1             | 83.3                     | 80.4                         |
| 6SS7 (L2)                          | Identify the successive transformations performed to create a design                             | 67.7             | 71.7                     | 66.2                         |



(Item Analysis: % of content answered correctly)

NLESD - Central Region

School #: 150 St. Joseph's Elementary, Harbour Breton

| Grades: | K-6 |
|---------|-----|
|         |     |

| Outcome(s)<br>Cognitive Level  | Outcome Description  | School<br>[N=12]   | <b>Region</b><br>[N=847]   | <b>Province</b><br>[N=4,875]  |
|--|--|--|--|---|
| Number Concepts  |  |  |  |   |
| 6N1 (L1)   | Identify the value of a digit in a given number  | 100.0  | 72.7   | 68.2  |
| 6N1 (L2)   | Demonstrate an understanding of place value through base ten representations   | 90.0   | 37.8   | 38.1  |
| 6N5 (L1)   | Write and interpret ratios comparing part-to-whole   | 80.0   | 63.9   | 59.7  |
| 6N5 (L2)   | Demonstrate an understanding of equivalent ratios  | 80.0   | 56.5   | 48.4  |
| 6N6 (L1)   | Demonstrate an understanding of percent as ratio   | 70.0   | 50.7   | 50.0  |
| 6N6 (L3)   | Demonstrate an understanding of percent as ratio   | 60.0   | 84.4   | 84.1  |
| 6N3 (L2)   | Distinguish between prime and composite numbers  | 70.0   | 61.2   | 54.8  |
| 6N3 (L2)   | Determine factors of a given number  | 90.0   | 70.3   | 66.3  |
| 6N4 (L1)   | Place an improper fraction on a number line  | 50.0   | 46.7   | 38.2  |
| 6N7 (L3)   | Select integer that best fits description  | 90.0   | 73.5   | 71.9  |
| Number Operations  |  |  |  |   |
| 6N8 (L2)   | Compute products of whole numbers and decimals   | 83.3   | 86.9   | 83.1  |
| 6N2, 6N8 (L2)  | Compute quotients of whole numbers and decimals  | 66.7   | 67.0   | 64.5  |
| 6N8 (L3)   | Place decimal in correct position in a product of whole numbers and decimals   | 75.0   | 86.9   | 83.8  |
| 6N2, 6N8 (L2)  | Solve a problem that involves division of decimals   | 75.0   | 71.3   | 71.0  |
| 6N2, 6N8 (L2)  | Solve a problem that involves multiplication of decimals   | 66.7   | 66.0   | 64.1  |
| 6N2 (L2)   | Estimate the solution to a subtraction problem   | 58.3   | 56.0   | 53.4  |
| 6N2 (L3)   | Determine number expression represented by base ten blocks   | 83.3   | 62.7   | 56.7  |
| 6N9 (L3)   | Apply the order of operations to solve a problem   | 50.0   | 53.5   | 50.1  |
| 6N9 (L2)   | Apply the order of operations to solve a problem   | 75.0   | 56.1   | 49.7  |
|  | Apply the order of operations to solve a problem   | 10.0   | 00.1   | 10.1  |
| Patterns and Relations   |  | 70.0   |  |   |
|  | Identify the value of an unknown term in a table of values   | 91.7   | 85.0   | 84.2  |
| Patterns and Relations   |  |  |  |   |
| Patterns and Relations<br>6PR1 (L2)  | Identify the value of an unknown term in a table of values   | 91.7   | 85.0   | 84.2  |
| Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)   | Identify the value of an unknown term in a table of values<br>Identify an error in a given table of values<br>Write a mathematical expression for a situation  | 91.7<br>100.0  | 85.0<br>89.1   | 84.2<br>87.9  |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)   | Identify the value of an unknown term in a table of values<br>Identify an error in a given table of values   | 91.7<br>100.0<br>25.0  | 85.0<br>89.1<br>27.2   | 84.2<br>87.9<br>24.4  |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression  | 91.7<br>100.0<br>25.0<br>66.7  | 85.0<br>89.1<br>27.2<br>58.0   | 84.2<br>87.9<br>24.4<br>53.5  |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph   | 91.7<br>100.0<br>25.0<br>66.7<br>75.0  | 85.0<br>89.1<br>27.2<br>58.0<br>75.2   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9  |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation   | 91.7<br>100.0<br>25.0<br>66.7<br>75.0<br>58.3  | 85.0<br>89.1<br>27.2<br>58.0<br>75.2<br>54.8   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3  |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)           Shape and Space   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values  | 91.7<br>100.0<br>25.0<br>66.7<br>75.0<br>58.3<br>66.7<br>66.7  | 85.0<br>89.1<br>27.2<br>58.0<br>75.2<br>54.8<br>35.6<br>37.7   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9  |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)           Shape and Space           6SS1 (L1)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure  | 91.7<br>100.0<br>25.0<br>66.7<br>75.0<br>58.3<br>66.7<br>66.7<br>66.7<br>100.0   | 85.0<br>89.1<br>27.2<br>58.0<br>75.2<br>54.8<br>35.6<br>37.7<br>84.7   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5  |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)           Shape and Space           6SS1 (L1)           6SS1 (L1)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle   | 91.7<br>100.0<br>25.0<br>66.7<br>75.0<br>58.3<br>66.7<br>66.7<br>66.7<br>100.0<br>75.0   | 85.0<br>89.1<br>27.2<br>58.0<br>75.2<br>54.8<br>35.6<br>37.7<br>84.7<br>86.2   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9  |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)           Shape and Space           6SS1 (L1)           6SS2 (L2)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°  | 91.7<br>100.0<br>25.0<br>66.7<br>75.0<br>58.3<br>66.7<br>66.7<br>100.0<br>75.0<br>75.0   | 85.0<br>89.1<br>27.2<br>58.0<br>75.2<br>54.8<br>35.6<br>37.7<br>84.7<br>86.2<br>76.8   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7  |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)           Shape and Space           6SS1 (L1)           6SS2 (L2)           6SS2 (L2)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°  | 91.7<br>100.0<br>25.0<br>66.7<br>75.0<br>58.3<br>66.7<br>66.7<br>100.0<br>75.0<br>75.0<br>83.3   | 85.0<br>89.1<br>27.2<br>58.0<br>75.2<br>54.8<br>35.6<br>37.7<br>84.7<br>86.2<br>76.8<br>75.4   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4  |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)           Shape and Space           6SS1 (L1)           6SS2 (L2)           6SS3 (L2)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon   | 91.7<br>100.0<br>25.0<br>66.7<br>75.0<br>58.3<br>66.7<br>66.7<br>66.7<br>100.0<br>75.0<br>75.0<br>83.3<br>75.0   | 85.0<br>89.1<br>27.2<br>58.0<br>75.2<br>54.8<br>35.6<br>37.7<br>84.7<br>86.2<br>76.8<br>75.4<br>61.9   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2  |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)           Shape and Space           6SS1 (L1)           6SS2 (L2)           6SS3 (L2)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism  | 91.7<br>100.0<br>25.0<br>66.7<br>75.0<br>58.3<br>66.7<br>66.7<br>100.0<br>75.0<br>75.0<br>83.3<br>75.0<br>75.0   | 85.0<br>89.1<br>27.2<br>58.0<br>75.2<br>54.8<br>35.6<br>37.7<br>84.7<br>86.2<br>76.8<br>75.4<br>61.9<br>47.6                                 | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1  |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1 (APR3 (L2)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)           Shape and Space           6SS1 (L1)           6SS2 (L2)           6SS3 (L1)           6SS4 (L1)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures  | 91.7<br>100.0<br>25.0<br>66.7<br>75.0<br>58.3<br>66.7<br>66.7<br>66.7<br>100.0<br>75.0<br>75.0<br>83.3<br>75.0<br>75.0<br>75.0<br>75.0                                 | 85.0<br>89.1<br>27.2<br>58.0<br>75.2<br>54.8<br>35.6<br>37.7<br>84.7<br>86.2<br>76.8<br>75.4<br>61.9<br>47.6<br>68.7                         | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1<br>63.5  |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6SS1 (L1)           6SS1 (L1)           6SS2 (L2)           6SS3 (L2)           6SS3 (L1)           6SS4 (L1)           6SS5 (L2)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Pemonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to given attributes   | 91.7<br>100.0<br>25.0<br>66.7<br>75.0<br>58.3<br>66.7<br>66.7<br>66.7<br>100.0<br>75.0<br>75.0<br>83.3<br>75.0<br>83.3<br>75.0<br>75.0<br>75.0<br>91.7                 | 85.0<br>89.1<br>27.2<br>58.0<br>75.2<br>54.8<br>35.6<br>37.7<br>84.7<br>86.2<br>76.8<br>75.4<br>61.9<br>47.6<br>68.7<br>62.2                 | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1<br>63.5<br>57.4  |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6SS1 (L1)           6SS2 (L2)           6SS3 (L1)           6SS4 (L1)           6SS5 (L2)           6SS4 (6SS5 (L1) | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures         Sort a given set of polygons according to given attributes         Identify congruent triangles  | 91.7<br>100.0<br>25.0<br>66.7<br>75.0<br>58.3<br>66.7<br>66.7<br>100.0<br>75.0<br>75.0<br>83.3<br>75.0<br>83.3<br>75.0<br>75.0<br>75.0<br>91.7<br>66.7                 | 85.0<br>89.1<br>27.2<br>58.0<br>75.2<br>54.8<br>35.6<br>37.7<br>84.7<br>86.2<br>76.8<br>75.4<br>61.9<br>47.6<br>68.7<br>62.2<br>81.8         | 84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5           57.4           77.1                |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6SS1 (L1)           6SS2 (L2)           6SS4 (L1)           6SS5 (L2)           6SS4 (6SS5 (L1)           6SS8 (L1) | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Permonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to given attributes         Identify congruent triangles         Identify the coordinates of two given points on a Cartesian plane   | 91.7<br>100.0<br>25.0<br>66.7<br>75.0<br>58.3<br>66.7<br>66.7<br>100.0<br>75.0<br>75.0<br>83.3<br>75.0<br>83.3<br>75.0<br>75.0<br>75.0<br>75.0<br>91.7<br>66.7<br>91.7 | 85.0<br>89.1<br>27.2<br>58.0<br>75.2<br>54.8<br>35.6<br>37.7<br>84.7<br>86.2<br>76.8<br>75.4<br>61.9<br>47.6<br>68.7<br>62.2<br>81.8<br>74.7 | 84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5           57.4           77.1           68.9 |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6SS1 (L1)           6SS2 (L2)           6SS3 (L1)           6SS3 (L1)           6SS4 (L1)           6SS4 (L1)           6SS4 (L1)           6SS8 (L1)           6SS8 (L1)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to its angle measures         Sort a given set of polygons according to given attributes         Identify the coordinates of two given points on a Cartesian plane         Describe the combined transformations performed on a 2-D shape | 91.7<br>100.0<br>25.0<br>66.7<br>75.0<br>58.3<br>66.7<br>66.7<br>100.0<br>75.0<br>75.0<br>83.3<br>75.0<br>83.3<br>75.0<br>75.0<br>75.0<br>91.7<br>66.7                 | 85.0<br>89.1<br>27.2<br>58.0<br>75.2<br>54.8<br>35.6<br>37.7<br>84.7<br>86.2<br>76.8<br>75.4<br>61.9<br>47.6<br>68.7<br>62.2<br>81.8         | 84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5           57.4           77.1                |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6SS1 (L1)           6SS2 (L2)           6SS4 (L1)           6SS5 (L2)           6SS4 (6SS5 (L1)           6SS8 (L1) | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Permonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to given attributes         Identify congruent triangles         Identify the coordinates of two given points on a Cartesian plane   | 91.7<br>100.0<br>25.0<br>66.7<br>75.0<br>58.3<br>66.7<br>66.7<br>100.0<br>75.0<br>75.0<br>83.3<br>75.0<br>83.3<br>75.0<br>75.0<br>75.0<br>75.0<br>91.7<br>66.7<br>91.7 | 85.0<br>89.1<br>27.2<br>58.0<br>75.2<br>54.8<br>35.6<br>37.7<br>84.7<br>86.2<br>76.8<br>75.4<br>61.9<br>47.6<br>68.7<br>62.2<br>81.8<br>74.7 | 84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5           57.4           77.1           68.9 |

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(Item Analysis: % of content answered correctly)

NLESD - Central Region

### School #: 151 John Watkins Academy, Hermitage

| Grades: | K-12 |
|---------|------|
|         |      |

| Outcome(s)<br>Cognitive Level             | Outcome Description  | School<br>[N=7] | <b>Region</b><br>[N=847] | <b>Province</b><br>[N=4,875] |
|---|--|-----------------|--------------------------|------------------------------|
| Number Concepts                           |  |                 |                          |                              |
| 6N1 (L1)                                  | Identify the value of a digit in a given number                              | 57.1            | 72.7                     | 68.2                         |
| 6N1 (L2)                                  | Demonstrate an understanding of place value through base ten representations | 57.1            | 37.8                     | 38.1                         |
| 6N5 (L1)                                  | Write and interpret ratios comparing part-to-whole                           | 14.3            | 63.9                     | 59.7                         |
| 6N5 (L2)                                  | Demonstrate an understanding of equivalent ratios                            | 14.3            | 56.5                     | 48.4                         |
| 6N6 (L1)                                  | Demonstrate an understanding of percent as ratio                             | 28.6            | 50.7                     | 50.0                         |
| 6N6 (L3)                                  | Demonstrate an understanding of percent as ratio                             | 85.7            | 84.4                     | 84.1                         |
| 6N3 (L2)                                  | Distinguish between prime and composite numbers                              | 57.1            | 61.2                     | 54.8                         |
| 6N3 (L2)                                  | Determine factors of a given number  | 71.4            | 70.3                     | 66.3                         |
| 6N4 (L1)                                  | Place an improper fraction on a number line                                  | 85.7            | 46.7                     | 38.2                         |
| 6N7 (L3)                                  | Select integer that best fits description                                    | 71.4            | 73.5                     | 71.9                         |
| Number Operations                         |  |                 |                          |                              |
| 6N8 (L2)                                  | Compute products of whole numbers and decimals                               | 71.4            | 86.9                     | 83.1                         |
| 6N2, 6N8 (L2)                             | Compute quotients of whole numbers and decimals                              | 42.9            | 67.0                     | 64.5                         |
| 6N8 (L3)                                  | Place decimal in correct position in a product of whole numbers and decimals | 85.7            | 86.9                     | 83.8                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves division of decimals                           | 85.7            | 71.3                     | 71.0                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves multiplication of decimals                     | 100.0           | 66.0                     | 64.1                         |
| 6N2 (L2)                                  | Estimate the solution to a subtraction problem                               | 57.1            | 56.0                     | 53.4                         |
| 6N2 (L3)                                  | Determine number expression represented by base ten blocks                   | 28.6            | 62.7                     | 56.7                         |
| 6N9 (L3)                                  | Apply the order of operations to solve a problem                             | 42.9            | 53.5                     | 50.1                         |
| 6N9 (L2)                                  | Apply the order of operations to solve a problem                             | 100.0           | 56.1                     | 49.7                         |
| Patterns and Relations                    |  | 74.4            | 05.0                     | 04.0                         |
| 6PR1 (L2)                                 | Identify the value of an unknown term in a table of values                   | 71.4            | 85.0                     | 84.2                         |
| 6PR1 (L3)                                 | Identify an error in a given table of values                                 | 100.0           | 89.1                     | 87.9                         |
| 6PR1, 6PR3 (L2)                           | Write a mathematical expression for a situation                              | 85.7            | 27.2                     | 24.4                         |
| 6PR3 (L2)                                 | Represent a pattern rule using a simple mathematical expression              | 85.7            | 58.0                     | 53.5                         |
| 6PR3 (L2)                                 | Extend a pattern that is shown on a line graph                               | 71.4            | 75.2                     | 75.9                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given equation                      | 28.6            | 54.8                     | 50.3                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given model                         | 85.7            | 35.6                     | 28.9                         |
| 6PR1, 6PR2 (L2)<br><u>Shape and Space</u> | Determine a mathematical expression for a situation and a table of values    | 57.1            | 37.7                     | 31.9                         |
| 6SS1 (L1)                                 | Classify a given angle according to its measure                              | 66.7            | 84.7                     | 82.5                         |
| 6SS1 (L1)                                 | Estimate the measure of an angle   | 83.3            | 86.2                     | 85.9                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a triangle is 180°                 | 66.7            | 76.8                     | 72.7                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a quadrilateral is 360°            | 83.3            | 75.4                     | 74.4                         |
| 6SS3 (L2)                                 | Find the perimeter and area of a given polygon                               | 66.7            | 61.9                     | 59.2                         |
| 6SS3 (L1)                                 | Find the volume of a given rectangular prism                                 | 66.7            | 47.6                     | 43.1                         |
| 6SS4 (L1)                                 | Identify a given triangle according to its angle measures                    | 83.3            | 68.7                     | 63.5                         |
| 6SS5 (L2)                                 | Sort a given set of polygons according to given attributes                   | 16.7            | 62.2                     | 57.4                         |
| 6SS4, 6SS5 (L1)                           | Identify congruent triangles   | 83.3            | 81.8                     | 77.1                         |
| 6SS8 (L1)                                 | Identify the coordinates of two given points on a Cartesian plane            | 66.7            | 74.7                     | 68.9                         |
| 6SS6 (L1)                                 | Describe the combined transformations performed on a 2-D shape               | 33.3            | 74.7                     | 74.4                         |
| 6SS9 (L1)                                 | Describe the single transformation performed on a 2-D shape                  |                 |                          |                              |
|   |  | 100.0           | 83.3                     | 80.4                         |
| 6SS7 (L2)                                 | Identify the successive transformations performed to create a design         | 100.0           | 71.7                     | 66.2                         |

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Source: Division of Evaluation and Research, Department of Education and Early Childhood Development



(Item Analysis: % of content answered correctly)

NLESD - Central Region

School #: 152 Valmont Academy, King's Point Grades: K-12

| Outcome(s)<br>Cognitive Level | Outcome Description  | School<br>[N=8] | <b>Region</b><br>[N=847] | <b>Province</b><br>[N=4,875] |
|-------------------------------|--|-----------------|--------------------------|------------------------------|
| Number Concepts               |  |                 |                          |                              |
| 6N1 (L1)                      | Identify the value of a digit in a given number  | 87.5            | 72.7                     | 68.2                         |
| 6N1 (L2)                      | Demonstrate an understanding of place value through base ten representations   | 12.5            | 37.8                     | 38.1                         |
| 6N5 (L1)                      | Write and interpret ratios comparing part-to-whole   | 87.5            | 63.9                     | 59.7                         |
| 6N5 (L2)                      | Demonstrate an understanding of equivalent ratios  | 50.0            | 56.5                     | 48.4                         |
| 6N6 (L1)                      | Demonstrate an understanding of percent as ratio   | 25.0            | 50.7                     | 50.0                         |
| 6N6 (L3)                      | Demonstrate an understanding of percent as ratio   | 87.5            | 84.4                     | 84.1                         |
| 6N3 (L2)                      | Distinguish between prime and composite numbers  | 87.5            | 61.2                     | 54.8                         |
| 6N3 (L2)                      | Determine factors of a given number  | 75.0            | 70.3                     | 66.3                         |
| 6N4 (L1)                      | Place an improper fraction on a number line  | 0.0             | 46.7                     | 38.2                         |
| 6N7 (L3)                      | Select integer that best fits description  | 75.0            | 73.5                     | 71.9                         |
| Number Operations             |  |                 |                          |                              |
| 6N8 (L2)                      | Compute products of whole numbers and decimals   | 62.5            | 86.9                     | 83.1                         |
| 6N2, 6N8 (L2)                 | Compute quotients of whole numbers and decimals  | 75.0            | 67.0                     | 64.5                         |
| 6N8 (L3)                      | Place decimal in correct position in a product of whole numbers and decimals   | 87.5            | 86.9                     | 83.8                         |
| 6N2, 6N8 (L2)                 | Solve a problem that involves division of decimals   | 87.5            | 71.3                     | 71.0                         |
| 6N2, 6N8 (L2)                 | Solve a problem that involves multiplication of decimals   | 75.0            | 66.0                     | 64.1                         |
| 6N2 (L2)                      | Estimate the solution to a subtraction problem   | 62.5            | 56.0                     | 53.4                         |
| 6N2 (L3)                      | Determine number expression represented by base ten blocks   | 37.5            | 62.7                     | 56.7                         |
| 6N9 (L3)                      | Apply the order of operations to solve a problem   | 62.5            | 53.5                     | 50.1                         |
| Patterns and Relations        |  | 07.5            | 05.0                     | 010                          |
| 6PR1 (L2)                     | Identify the value of an unknown term in a table of values   | 87.5            | 85.0                     | 84.2                         |
| 6PR1 (L3)                     | Identify an error in a given table of values   | 87.5            | 89.1                     | 87.9                         |
| 6PR1, 6PR3 (L2)               | Write a mathematical expression for a situation  | 50.0            | 27.2                     | 24.4                         |
| 6PR3 (L2)                     | Represent a pattern rule using a simple mathematical expression  | 62.5            | 58.0                     | 53.5                         |
| 6PR3 (L2)                     | Extend a pattern that is shown on a line graph   | 50.0            | 75.2                     | 75.9                         |
| 6PR4 (L2)<br>6PR4 (L2)        | Identifying an equivalent equation for a given equation  | 37.5            | 54.8<br>35.6             | 50.3<br>28.9                 |
| 6PR1, 6PR2 (L2)               | Identifying an equivalent equation for a given model Determine a mathematical expression for a situation and a table of values | 37.5            | 35.0                     | 31.9                         |
| Shape and Space               |  |                 |                          |                              |
| 6SS1 (L1)                     | Classify a given angle according to its measure  | 62.5            | 84.7                     | 82.5                         |
| 6SS1 (L1)                     | Estimate the measure of an angle   | 87.5            | 86.2                     | 85.9                         |
| 6SS2 (L2)                     | Demonstrate the sum of interior angles of a triangle is 180°   | 75.0            | 76.8                     | 72.7                         |
| 6SS2 (L2)                     | Demonstrate the sum of interior angles of a quadrilateral is 360°  | 87.5            | 75.4                     | 74.4                         |
| 6SS3 (L2)                     | Find the perimeter and area of a given polygon   | 75.0            | 61.9                     | 59.2                         |
| 6SS3 (L1)                     | Find the volume of a given rectangular prism   | 50.0            | 47.6                     | 43.1                         |
| 6SS4 (L1)                     | Identify a given triangle according to its angle measures  | 75.0            | 68.7                     | 63.5                         |
| 6SS5 (L2)                     | Sort a given set of polygons according to given attributes   | 75.0            | 62.2                     | 57.4                         |
| 6SS4, 6SS5 (L1)               | Identify congruent triangles   | 87.5            | 81.8                     | 77.1                         |
| 6SS8 (L1)                     | Identify the coordinates of two given points on a Cartesian plane  | 75.0            | 74.7                     | 68.9                         |
| 6SS6 (L1)                     | Describe the combined transformations performed on a 2-D shape   | 75.0            | 75.9                     | 74.4                         |
| 6SS9 (L1)                     | Describe the single transformation performed on a 2-D shape  | 75.0            | 83.3                     | 80.4                         |
| 6SS7 (L2)                     | Identify the successive transformations performed to create a design   | 62.5            | 71.7                     | 66.2                         |
|                               |  | 02.5            | ''''                     | 00.2                         |



(Item Analysis: % of content answered correctly)

NLESD - Central Region

School #: 154 Hillside Elementary, La Scie Grades: K-6

| Cognitive Level  | Outcome Description   | <b>School</b><br>[N=15]   | <b>Region</b><br>[N=847]  | Provin<br>[N=4,87  |
|--|---|---|---|--|
| Number Concepts  |   |   |   |  |
| 6N1 (L1)   | Identify the value of a digit in a given number   | 66.7  | 72.7  | 68.2   |
| 6N1 (L2)   | Demonstrate an understanding of place value through base ten representations  | 26.7  | 37.8  | 38.1   |
| 6N5 (L1)   | Write and interpret ratios comparing part-to-whole  | 46.7  | 63.9  | 59.7   |
| 6N5 (L2)   | Demonstrate an understanding of equivalent ratios   | 40.0  | 56.5  | 48.4   |
| 6N6 (L1)   | Demonstrate an understanding of percent as ratio  | 46.7  | 50.7  | 50.0   |
| 6N6 (L3)   | Demonstrate an understanding of percent as ratio  | 86.7  | 84.4  | 84.1   |
| 6N3 (L2)   | Distinguish between prime and composite numbers   | 60.0  | 61.2  | 54.8   |
| 6N3 (L2)   | Determine factors of a given number   | 33.3  | 70.3  | 66.3   |
| 6N4 (L1)   | Place an improper fraction on a number line   | 26.7  | 46.7  | 38.2   |
| 6N7 (L3)   | Select integer that best fits description   | 60.0  | 73.5  | 71.9   |
| lumber Operations  |   |   |   |  |
| 6N8 (L2)   | Compute products of whole numbers and decimals  | 80.0  | 86.9  | 83.1   |
| 6N2, 6N8 (L2)  | Compute quotients of whole numbers and decimals   | 53.3  | 67.0  | 64.5   |
| 6N8 (L3)   | Place decimal in correct position in a product of whole numbers and decimals  | 86.7  | 86.9  | 83.8   |
| 6N2, 6N8 (L2)  | Solve a problem that involves division of decimals  | 73.3  | 71.3  | 71.0   |
| 6N2, 6N8 (L2)  | Solve a problem that involves multiplication of decimals  | 60.0  | 66.0  | 64.1   |
| 6N2 (L2)   | Estimate the solution to a subtraction problem  | 53.3  | 56.0  | 53.4   |
| 6N2 (L3)   | Determine number expression represented by base ten blocks  | 80.0  | 62.7  | 56.7   |
| 6N9 (L3)   | Apply the order of operations to solve a problem  | 33.3  | 53.5  | 50.1   |
| 6N9 (L2)   | Apply the order of operations to solve a problem  | 40.0  | 56.1  | 49.7   |
|  |   |   |   |  |
| 6PR1 (L2)  | Identify the value of an unknown term in a table of values  | 93.3  | 85.0  | 84.2   |
| 6PR1 (L2)<br>6PR1 (L3)   | Identify the value of an unknown term in a table of values<br>Identify an error in a given table of values  | 93.3  | 85.0<br>89.1  | -  |
|  |   |   |   | 87.9   |
| 6PR1 (L3)  | Identify an error in a given table of values  | 93.3  | 89.1  | 87.9<br>24.4   |
| 6PR1 (L3)<br>6PR1, 6PR3 (L2)   | Identify an error in a given table of values<br>Write a mathematical expression for a situation   | 93.3<br>20.0  | 89.1<br>27.2  | 87.9<br>24.4<br>53.5   |
| 6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)  | Identify an error in a given table of values<br>Write a mathematical expression for a situation<br>Represent a pattern rule using a simple mathematical expression  | 93.3<br>20.0<br>53.3  | 89.1<br>27.2<br>58.0  | 87.9<br>24.4<br>53.5<br>75.9   |
| 6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)   | Identify an error in a given table of values<br>Write a mathematical expression for a situation<br>Represent a pattern rule using a simple mathematical expression<br>Extend a pattern that is shown on a line graph  | 93.3<br>20.0<br>53.3<br>93.3  | 89.1<br>27.2<br>58.0<br>75.2  | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9   |
| 6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)  | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation   | 93.3<br>20.0<br>53.3<br>93.3<br>46.7  | 89.1<br>27.2<br>58.0<br>75.2<br>54.8  | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9   |
| 6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>6PR1, 6PR2 (L2)   | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values  | 93.3<br>20.0<br>53.3<br>93.3<br>46.7<br>6.7   | 89.1<br>27.2<br>58.0<br>75.2<br>54.8<br>35.6  | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9   |
| 6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4, 6PR2 (L2)<br>6PR1, 6PR2 (L2)<br>6PR1, 6PR2 (L2)<br>6PR1, 6PR2 (L2)   | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model  | 93.3<br>20.0<br>53.3<br>93.3<br>46.7<br>6.7<br>6.7  | 89.1           27.2           58.0           75.2           54.8           35.6           37.7  | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5   |
| 6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>6PR1, 6PR2 (L2)<br>6SS1 (L1)<br>6SS1 (L1)   | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure  | 93.3<br>20.0<br>53.3<br>93.3<br>46.7<br>6.7<br>6.7<br>93.3<br>93.3  | 89.1           27.2           58.0           75.2           54.8           35.6           37.7           84.7           86.2  | 87.5<br>24.4<br>53.5<br>75.5<br>50.3<br>28.5<br>31.5<br>82.5<br>85.5   |
| 6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>6PR1, 6PR2 (L2)<br>6PR1, 6PR2 (L2)<br>6PR1, 6PR2 (L2)   | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle   | 93.3<br>20.0<br>53.3<br>93.3<br>46.7<br>6.7<br>6.7<br>93.3<br>93.3<br>93.3<br>73.3  | 89.1           27.2           58.0           75.2           54.8           35.6           37.7           84.7   | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7   |
| 6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>6PR1, 6PR2 (L2)<br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)   | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°  | 93.3<br>20.0<br>53.3<br>93.3<br>46.7<br>6.7<br>6.7<br>93.3<br>93.3<br>93.3<br>73.3  | 89.1           27.2           58.0           75.2           54.8           35.6           37.7           84.7           86.2           76.8   | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4   |
| 6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>6PR1, 6PR2 (L2)<br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS2 (L2)<br>6SS3 (L2)  | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°  | 93.3<br>20.0<br>53.3<br>93.3<br>46.7<br>6.7<br>6.7<br>93.3<br>93.3<br>93.3<br>73.3  | 89.1           27.2           58.0           75.2           54.8           35.6           37.7           84.7           86.2           76.8           75.4  | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2   |
| 6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>6PR1, 6PR2 (L2)<br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L1)   | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon   | 93.3<br>20.0<br>53.3<br>93.3<br>46.7<br>6.7<br>6.7<br>93.3<br>93.3<br>93.3<br>93.3<br>73.3<br>73.3<br>73.3<br>26.7                                  | 89.1           27.2           58.0           75.2           54.8           35.6           37.7           84.7           86.2           76.8           75.4           61.9           47.6  | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1   |
| 6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>6PR1, 6PR2 (L2)<br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L1)<br>6SS3 (L1)<br>6SS4 (L1)   | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism  | 93.3<br>20.0<br>53.3<br>93.3<br>46.7<br>6.7<br>6.7<br>93.3<br>93.3<br>93.3<br>93.3<br>73.3<br>73.3<br>73.3<br>26.7<br>86.7                          | 89.1           27.2           58.0           75.2           54.8           35.6           37.7           84.7           86.2           76.8           75.4           61.9           47.6           68.7   | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1<br>63.5   |
| 6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L1)<br>6SS4 (L1)<br>6SS4 (L1)<br>6SS5 (L2)  | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures         Sort a given set of polygons according to given attributes   | 93.3<br>20.0<br>53.3<br>93.3<br>46.7<br>6.7<br>6.7<br>93.3<br>93.3<br>93.3<br>93.3<br>73.3<br>73.3<br>73.3<br>73                                    | 89.1           27.2           58.0           75.2           54.8           35.6           37.7           84.7           86.2           76.8           75.4           61.9           47.6           68.7           62.2  | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1<br>63.5<br>57.4   |
| 6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L2)<br>6SS3 (L1)<br>6SS4 (L1)<br>6SS5 (L2)<br>6SS4 (L1)  | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to its angle measures         Sort a given set of polygons according to given attributes         Identify congruent triangles   | 93.3<br>20.0<br>53.3<br>93.3<br>46.7<br>6.7<br>6.7<br>93.3<br>93.3<br>93.3<br>73.3<br>73.3<br>73.3<br>73.3<br>26.7<br>86.7<br>86.7<br>73.3<br>93.3  | 89.1           27.2           58.0           75.2           54.8           35.6           37.7           84.7           86.2           76.8           75.4           61.9           47.6           68.7           62.2           81.8                               | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1<br>63.5<br>57.4<br>77.1   |
| 6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>6PR1, 6PR2 (L2)<br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L2)<br>6SS3 (L1)<br>6SS5 (L2)<br>6SS4 (L1)<br>6SS5 (L2)<br>6SS4 (L1)<br>6SS8 (L1) | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to given attributes         Identify the coordinates of two given points on a Cartesian plane   | 93.3<br>20.0<br>53.3<br>93.3<br>46.7<br>6.7<br>93.3<br>93.3<br>93.3<br>93.3<br>93.3<br>73.3<br>73.3<br>73   | 89.1           27.2           58.0           75.2           54.8           35.6           37.7           84.7           86.2           76.8           75.4           61.9           47.6           68.7           62.2           81.8           74.7                | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1<br>63.5<br>57.4<br>77.1<br>68.9   |
| 6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>6PR1, 6PR2 (L2)<br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L2)<br>6SS3 (L1)<br>6SS4 (L1)<br>6SS4 (SS5 (L1)<br>6SS8 (L1)<br>6SS6 (L1)         | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to given attributes         Identify congruent triangles         Identify the coordinates of two given points on a Cartesian plane         Describe the combined transformations performed on a 2-D shape | 93.3<br>20.0<br>53.3<br>93.3<br>46.7<br>6.7<br>93.3<br>93.3<br>93.3<br>93.3<br>73.3<br>73.3<br>73.3<br>26.7<br>86.7<br>86.7<br>73.3<br>93.3<br>93.3 | 89.1           27.2           58.0           75.2           54.8           35.6           37.7           84.7           86.2           76.8           75.4           61.9           47.6           68.7           62.2           81.8           74.7           75.9 | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1<br>63.5<br>57.4<br>77.1<br>68.9   |
| 6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L2)<br>6SS3 (L1)<br>6SS4 (L1)<br>6SS5 (L2)<br>6SS4 (L1)<br>6SS5 (L2)                                 | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to given attributes         Identify the coordinates of two given points on a Cartesian plane   | 93.3<br>20.0<br>53.3<br>93.3<br>46.7<br>6.7<br>93.3<br>93.3<br>93.3<br>93.3<br>93.3<br>73.3<br>73.3<br>73   | 89.1           27.2           58.0           75.2           54.8           35.6           37.7           84.7           86.2           76.8           75.4           61.9           47.6           68.7           62.2           81.8           74.7                | 84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5           57.4           77.1           68.9           74.4           80.4           66.2 |



(Item Analysis: % of content answered correctly)

NLESD - Central Region

School #: 158 MSB Regional Academy, Middle Arm

| Grades: | K-12 |
|---------|------|
|---------|------|

| utcome Description entify the value of a digit in a given number emonstrate an understanding of place value through base ten representations rite and interpret ratios comparing part-to-whole emonstrate an understanding of equivalent ratios emonstrate an understanding of percent as ratio etermine factors of a given number etermine factors of a given number etermine factors of a description etermine factors of whole numbers and decimals employee the products of whole numbers and decimals etermine factors of whole numbers and decimals etermine factors and decimals etermine factors and decimals etermine | [N=8]<br>50.0<br>100.0<br>50.0<br>87.5<br>62.5<br>75.0<br>50.0<br>62.5<br>62.5<br>62.5<br>62.5<br>87.5<br>87.5  | [N=847]<br>72.7<br>37.8<br>63.9<br>56.5<br>50.7<br>84.4<br>61.2<br>70.3<br>46.7<br>73.5<br>86.9   | [N=4,875]<br>68.2<br>38.1<br>59.7<br>48.4<br>50.0<br>84.1<br>54.8<br>66.3<br>38.2<br>71.9  |
|--|---|---|--|
| emonstrate an understanding of place value through base ten representations<br>rite and interpret ratios comparing part-to-whole<br>emonstrate an understanding of equivalent ratios<br>emonstrate an understanding of percent as ratio<br>emonstrate an understanding of percent as ratio<br>stinguish between prime and composite numbers<br>etermine factors of a given number<br>ace an improper fraction on a number line<br>elect integer that best fits description   | 100.0           50.0           87.5           62.5           75.0           50.0           62.5           62.5           62.5           62.5           87.5   | 37.8         63.9           56.5         50.7           84.4         61.2           70.3         46.7           73.5  | 38.1<br>59.7<br>48.4<br>50.0<br>84.1<br>54.8<br>66.3<br>38.2   |
| emonstrate an understanding of place value through base ten representations<br>rite and interpret ratios comparing part-to-whole<br>emonstrate an understanding of equivalent ratios<br>emonstrate an understanding of percent as ratio<br>emonstrate an understanding of percent as ratio<br>stinguish between prime and composite numbers<br>etermine factors of a given number<br>ace an improper fraction on a number line<br>elect integer that best fits description   | 100.0           50.0           87.5           62.5           75.0           50.0           62.5           62.5           62.5           62.5           87.5   | 37.8         63.9           56.5         50.7           84.4         61.2           70.3         46.7           73.5  | 38.1<br>59.7<br>48.4<br>50.0<br>84.1<br>54.8<br>66.3<br>38.2   |
| rite and interpret ratios comparing part-to-whole<br>emonstrate an understanding of equivalent ratios<br>emonstrate an understanding of percent as ratio<br>emonstrate an understanding of percent as ratio<br>stinguish between prime and composite numbers<br>etermine factors of a given number<br>ace an improper fraction on a number line<br>elect integer that best fits description  | 50.0<br>87.5<br>62.5<br>75.0<br>50.0<br>62.5<br>62.5<br>62.5<br>62.5<br>87.5  | 63.9<br>56.5<br>50.7<br>84.4<br>61.2<br>70.3<br>46.7<br>73.5  | 59.7<br>48.4<br>50.0<br>84.1<br>54.8<br>66.3<br>38.2   |
| emonstrate an understanding of equivalent ratios<br>emonstrate an understanding of percent as ratio<br>emonstrate an understanding of percent as ratio<br>stinguish between prime and composite numbers<br>etermine factors of a given number<br>ace an improper fraction on a number line<br>elect integer that best fits description   | 87.5<br>62.5<br>75.0<br>50.0<br>62.5<br>62.5<br>62.5<br>87.5  | 56.5           50.7           84.4           61.2           70.3           46.7           73.5  | 48.4<br>50.0<br>84.1<br>54.8<br>66.3<br>38.2   |
| emonstrate an understanding of percent as ratio<br>emonstrate an understanding of percent as ratio<br>stinguish between prime and composite numbers<br>etermine factors of a given number<br>ace an improper fraction on a number line<br>elect integer that best fits description   | 62.5<br>75.0<br>50.0<br>62.5<br>62.5<br>62.5<br>87.5  | 50.7<br>84.4<br>61.2<br>70.3<br>46.7<br>73.5  | 50.0<br>84.1<br>54.8<br>66.3<br>38.2   |
| emonstrate an understanding of percent as ratio<br>stinguish between prime and composite numbers<br>etermine factors of a given number<br>ace an improper fraction on a number line<br>elect integer that best fits description<br>compute products of whole numbers and decimals<br>compute quotients of whole numbers and decimals   | 75.0<br>50.0<br>62.5<br>62.5<br>62.5<br>87.5  | 84.4<br>61.2<br>70.3<br>46.7<br>73.5  | 84.1<br>54.8<br>66.3<br>38.2   |
| stinguish between prime and composite numbers<br>etermine factors of a given number<br>ace an improper fraction on a number line<br>elect integer that best fits description   | 50.0<br>62.5<br>62.5<br>62.5<br>87.5  | 61.2<br>70.3<br>46.7<br>73.5  | 54.8<br>66.3<br>38.2   |
| etermine factors of a given number<br>ace an improper fraction on a number line<br>elect integer that best fits description<br>ompute products of whole numbers and decimals<br>ompute quotients of whole numbers and decimals   | 62.5<br>62.5<br>62.5<br>87.5  | 70.3<br>46.7<br>73.5  | 66.3<br>38.2   |
| ace an improper fraction on a number line<br>elect integer that best fits description<br>ompute products of whole numbers and decimals<br>ompute quotients of whole numbers and decimals   | 62.5<br>62.5<br>87.5  | 46.7<br>73.5  | 38.2   |
| elect integer that best fits description pompute products of whole numbers and decimals pompute quotients of whole numbers and decimals  | 62.5<br>87.5  | 73.5  |  |
| ompute products of whole numbers and decimals  | 87.5  |   | 71.9   |
| ompute quotients of whole numbers and decimals   |   | 86.9  |  |
| ompute quotients of whole numbers and decimals   |   | 86.9  |  |
|  |   |   | 83.1   |
| ace decimal in correct position in a product of whole numbers and decimals   | 10.0  | 67.0  | 64.5   |
|  | 87.5  | 86.9  | 83.8   |
| olve a problem that involves division of decimals  | 75.0  | 71.3  | 71.0   |
| blve a problem that involves multiplication of decimals  | 87.5  | 66.0  | 64.1   |
|  | 62.5  | 56.0  | 53.4   |
| ·  | 62.5  | 62.7  | 56.7   |
|  | 50.0  | 53.5  | 50.1   |
|  | 62.5  | 56.1  | 49.7   |
| entify the value of an unknown term in a table of values   | 87.5  | 85.0  | 84.2   |
|  |   | -   | 87.9   |
| · ·  |   |   | 24.4   |
|  |   |   | 53.5   |
|  |   | 1   | 75.9   |
|  |   |   | 50.3   |
|  | 62.5  | 35.6  | 28.9   |
| etermine a mathematical expression for a situation and a table of values   | 50.0  | 37.7  | 31.9   |
|  |   |   |  |
| assify a given angle according to its measure  | 100.0   | 84.7  | 82.5   |
| stimate the measure of an angle  | 75.0  | 86.2  | 85.9   |
| emonstrate the sum of interior angles of a triangle is 180°  | 87.5  | 76.8  | 72.7   |
| emonstrate the sum of interior angles of a quadrilateral is 360°   | 75.0  | 75.4  | 74.4   |
| nd the perimeter and area of a given polygon   | 37.5  | 61.9  | 59.2   |
| nd the volume of a given rectangular prism   | 62.5  | 47.6  | 43.1   |
| entify a given triangle according to its angle measures  | 50.0  | 68.7  | 63.5   |
| ort a given set of polygons according to given attributes  | 62.5  | 62.2  | 57.4   |
| entify congruent triangles   | 87.5  | 81.8  | 77.1   |
| entify the coordinates of two given points on a Cartesian plane  | 75.0  | 74.7  | 68.9   |
| escribe the combined transformations performed on a 2-D shape  | 75.0  | 75.9  | 74.4   |
| escribe the single transformation performed on a 2-D shape   | 100.0   | 83.3  | 80.4   |
| entify the successive transformations performed to create a design   | 62.5  | 71.7  | 66.2   |
|  | stimate the solution to a subtraction problem<br>etermine number expression represented by base ten blocks<br>pply the order of operations to solve a problem<br>pply the order of operations to solve a problem<br>entify the value of an unknown term in a table of values<br>entify an error in a given table of values<br>trite a mathematical expression for a situation<br>epresent a pattern rule using a simple mathematical expression<br>ktend a pattern that is shown on a line graph<br>entifying an equivalent equation for a given equation<br>entifying an equivalent equation for a given model<br>etermine a mathematical expression for a situation and a table of values<br>lassify a given angle according to its measure<br>stimate the measure of an angle<br>emonstrate the sum of interior angles of a triangle is 180°<br>encomparts the sum of interior angles of a quadrilateral is 360°<br>nd the perimeter and area of a given polygon<br>nd the volume of a given rectangular prism<br>entify ongruent triangles<br>entify congruent triangles<br>entify the coordinates of two given points on a Cartesian plane<br>entify the coordinates of two given points on a 2-D shape<br>escribe the single transformation performed on a 2-D shape<br>entify the successive transformations performed to create a design<br>W RPT | Instrume to a construction of the order of the primeter and area of a given polygon         62.5           etermine number expression represented by base ten blocks         62.5           opply the order of operations to solve a problem         62.5           entify the value of an unknown term in a table of values         87.5           entify an error in a given table of values         75.0           frite a mathematical expression for a situation         100.0           epresent a pattern rule using a simple mathematical expression         62.5           entifying an equivalent equation for a given equation         75.0           entifying an equivalent equation for a given model         62.5           etermine a mathematical expression for a situation and a table of values         50.0           emonstrate the measure of an angle         75.0           emonstrate the sum of interior angles of a triangle is 180°         87.5           entify a given nectangular prism         62.5           entify a given triangle according to its measures         50.0           ort a given rectangular prism         62.5           entify a given triangle according to its angle measures         50.0           ort a given set of polygons according to given attributes         62.5           entify a given triangle according to its angle measures         50.0           ort a given set of p | Intermine number expression represented by base ten blocks62.562.7pply the order of operations to solve a problem50.053.5pply the order of operations to solve a problem62.556.1entify the value of an unknown term in a table of values75.089.1entify an error in a given table of values75.089.1trite a mathematical expression for a situation100.027.2epresent a pattern rule using a simple mathematical expression62.558.0tentify an equivalent equation for a given equation75.054.8entifying an equivalent equation for a given model62.535.6etermine a mathematical expression for a situation and a table of values50.037.7assify a given angle according to its measure100.084.7stimate the measure of an angle75.075.2emonstrate the sum of interior angles of a quadrilateral is 360°75.075.4and the perimeter and area of a given polygon37.561.9and the volume of a given rectangular prism62.547.6entify a given stord polygons according to its angle measures50.068.7ort a given set of polygons according to given attributes62.562.2entify the condinates of two given points on a Cartesian plane75.075.9escribe the combined transformation performed on a 2-D shape75.075.9escribe the single transformation performed on a 2-D shape100.083.3entify the successive transformations performed to create a design62.57 |



(Item Analysis: % of content answered correctly)

#### NLESD - Central Region

School #: 163 Point Learnington Academy, Point Learnington

| - |    |    |     |      |  |
|---|----|----|-----|------|--|
| G | ra | de | es: | K-12 |  |

| Outcome(s)<br>Cognitive Level       | Outcome Description  | School<br>[N=7] | <b>Region</b><br>[N=847] | <b>Province</b><br>[N=4,875] |
|-------------------------------------|--|-----------------|--------------------------|------------------------------|
| Number Concepts                     |  |                 |                          |                              |
| 6N1 (L1)                            | Identify the value of a digit in a given number  | 57.1            | 72.7                     | 68.2                         |
| 6N1 (L2)                            | Demonstrate an understanding of place value through base ten representations                                   | 28.6            | 37.8                     | 38.1                         |
| 6N5 (L1)                            | Write and interpret ratios comparing part-to-whole   | 57.1            | 63.9                     | 59.7                         |
| 6N5 (L2)                            | Demonstrate an understanding of equivalent ratios  | 42.9            | 56.5                     | 48.4                         |
| 6N6 (L1)                            | Demonstrate an understanding of percent as ratio   | 28.6            | 50.7                     | 50.0                         |
| 6N6 (L3)                            | Demonstrate an understanding of percent as ratio   | 71.4            | 84.4                     | 84.1                         |
| 6N3 (L2)                            | Distinguish between prime and composite numbers  | 57.1            | 61.2                     | 54.8                         |
| 6N3 (L2)                            | Determine factors of a given number  | 28.6            | 70.3                     | 66.3                         |
| 6N4 (L1)                            | Place an improper fraction on a number line  | 14.3            | 46.7                     | 38.2                         |
| 6N7 (L3)                            | Select integer that best fits description  | 57.1            | 73.5                     | 71.9                         |
| Number Operations                   |  |                 |                          |                              |
| 6N8 (L2)                            | Compute products of whole numbers and decimals   | 71.4            | 86.9                     | 83.1                         |
| 6N2, 6N8 (L2)                       | Compute quotients of whole numbers and decimals  | 71.4            | 67.0                     | 64.5                         |
| 6N8 (L3)                            | Place decimal in correct position in a product of whole numbers and decimals                                   | 71.4            | 86.9                     | 83.8                         |
| 6N2, 6N8 (L2)                       | Solve a problem that involves division of decimals   | 71.4            | 71.3                     | 71.0                         |
| 6N2, 6N8 (L2)                       | Solve a problem that involves multiplication of decimals   | 57.1            | 66.0                     | 64.1                         |
| 6N2 (L2)                            | Estimate the solution to a subtraction problem   | 14.3            | 56.0                     | 53.4                         |
| 6N2 (L3)                            | Determine number expression represented by base ten blocks   | 42.9            | 62.7                     | 56.7                         |
| 6N9 (L3)                            | Apply the order of operations to solve a problem   | 28.6            | 53.5                     | 50.1                         |
| 6N9 (L2)                            | Apply the order of operations to solve a problem   | 42.9            | 56.1                     | 49.7                         |
| Patterns and Relations<br>6PR1 (L2) | Identify the value of an unknown term in a table of values   | 57.1            | 85.0                     | 84.2                         |
| 6PR1 (L3)                           | Identify an error in a given table of values   | 100.0           | 89.1                     | 87.9                         |
| 6PR1, 6PR3 (L2)                     |  |                 |                          |                              |
| 6PR3 (L2)                           | Write a mathematical expression for a situation  | 14.3<br>57.1    | 27.2<br>58.0             | 24.4<br>53.5                 |
| 6PR3 (L2)                           | Represent a pattern rule using a simple mathematical expression Extend a pattern that is shown on a line graph | 85.7            | 75.2                     | 75.9                         |
| 6PR4 (L2)                           | Identifying an equivalent equation for a given equation  | 28.6            | 54.8                     | 50.3                         |
| 6PR4 (L2)                           | Identifying an equivalent equation for a given model   | 0.0             | 35.6                     | 28.9                         |
| 6PR1, 6PR2 (L2)                     | Determine a mathematical expression for a situation and a table of values                                      | 14.3            | 37.7                     | 31.9                         |
| Shape and Space                     |  |                 |                          |                              |
| 6SS1 (L1)                           | Classify a given angle according to its measure  | 85.7            | 84.7                     | 82.5                         |
| 6SS1 (L1)                           | Estimate the measure of an angle   | 85.7            | 86.2                     | 85.9                         |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a triangle is 180°   | 57.1            | 76.8                     | 72.7                         |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a quadrilateral is 360°  | 57.1            | 75.4                     | 74.4                         |
| 6SS3 (L2)                           | Find the perimeter and area of a given polygon   | 57.1            | 61.9                     | 59.2                         |
| 6SS3 (L1)                           | Find the volume of a given rectangular prism   | 14.3            | 47.6                     | 43.1                         |
| 6SS4 (L1)                           | Identify a given triangle according to its angle measures  | 42.9            | 68.7                     | 63.5                         |
| 6SS5 (L2)                           | Sort a given set of polygons according to given attributes   | 71.4            | 62.2                     | 57.4                         |
| 6SS4, 6SS5 (L1)                     | Identify congruent triangles   | 100.0           | 81.8                     | 77.1                         |
| 6SS8 (L1)                           | Identify the coordinates of two given points on a Cartesian plane  | 85.7            | 74.7                     | 68.9                         |
| 6SS6 (L1)                           | Describe the combined transformations performed on a 2-D shape   | 71.4            | 75.9                     | 74.4                         |
| 6SS9 (L1)                           | Describe the single transformation performed on a 2-D shape  | 85.7            | 83.3                     | 80.4                         |
| 6SS7 (L2)                           | Identify the successive transformations performed to create a design   | 100.0           | 71.7                     | 66.2                         |
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Source: Division of Evaluation and Research, Department of Education and Early Childhood Development

L1 - Knowledge / Comprehension; L2 - Application; L3 - Analysis



(Item Analysis: % of content answered correctly)

#### NLESD - Central Region

### School #: 165 St. Stephen's AG, Rencontre East

Grades: K-6,8-11

| Outcome(s)<br>Cognitive Level  | Outcome Description  | School<br>[N=1]                                    | <b>Region</b><br>[N=847]   | <b>Province</b><br>[N=4,875]  |
|--|--|--|--|---|
| Number Concepts  |  |  |  |   |
| 6N1 (L1)   | Identify the value of a digit in a given number  |  | 72.7   | 68.2  |
| 6N1 (L2)   | Demonstrate an understanding of place value through base ten representations   | School data  | 37.8   | 38.1  |
| 6N5 (L1)   | Write and interpret ratios comparing part-to-whole   | with 5 or  | 63.9   | 59.7  |
| 6N5 (L2)   | Demonstrate an understanding of equivalent ratios  | fewer  | 56.5   | 48.4  |
| 6N6 (L1)   | Demonstrate an understanding of percent as ratio   | students   | 50.7   | 50.0  |
| 6N6 (L3)   | Demonstrate an understanding of percent as ratio   | withheld for<br>reasons of                         | 84.4   | 84.1  |
| 6N3 (L2)   | Distinguish between prime and composite numbers  | confidentiality                                    | 61.2   | 54.8  |
| 6N3 (L2)   | Determine factors of a given number  |  | 70.3   | 66.3  |
| 6N4 (L1)   | Place an improper fraction on a number line  |  | 46.7   | 38.2  |
| 6N7 (L3)   | Select integer that best fits description  |  | 73.5   | 71.9  |
| Number Operations  |  |  |  |   |
| 6N8 (L2)   | Compute products of whole numbers and decimals   |  | 86.9   | 83.1  |
| 6N2, 6N8 (L2)  | Compute quotients of whole numbers and decimals  |  | 67.0   | 64.5  |
| 6N8 (L3)   | Place decimal in correct position in a product of whole numbers and decimals   |  | 86.9   | 83.8  |
| 6N2, 6N8 (L2)  | Solve a problem that involves division of decimals   |  | 71.3   | 71.0  |
| 6N2, 6N8 (L2)  | Solve a problem that involves multiplication of decimals   |  | 66.0   | 64.1  |
| 6N2 (L2)   | Estimate the solution to a subtraction problem   |  | 56.0   | 53.4  |
| 6N2 (L3)   | Determine number expression represented by base ten blocks   |  | 62.7   | 56.7  |
|  |  |  | 53.5   | 50.1  |
| 6N9 (L3)   | Apply the order of operations to solve a problem   |  |  |   |
| 6N9 (L3)<br>6N9 (L2)   | Apply the order of operations to solve a problem<br>Apply the order of operations to solve a problem   |  | 56.1   | 49.7  |
|  |  | _  |  | 49.7  |
| 6N9 (L2) Patterns and Relations  | Apply the order of operations to solve a problem   | _  | 56.1   |   |
| 6N9 (L2)<br><u>Patterns and Relations</u><br>6PR1 (L2)   | Apply the order of operations to solve a problem<br>Identify the value of an unknown term in a table of values   | _  | 56.1<br>85.0   | 84.2  |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)   | Apply the order of operations to solve a problem<br>Identify the value of an unknown term in a table of values<br>Identify an error in a given table of values   |  | 56.1<br>85.0<br>89.1   | 84.2<br>87.9  |
| 6N9 (L2)<br><u>Patterns and Relations</u><br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)   | Apply the order of operations to solve a problem           Identify the value of an unknown term in a table of values           Identify an error in a given table of values           Write a mathematical expression for a situation   |  | 56.1<br>85.0<br>89.1<br>27.2   | 84.2<br>87.9<br>24.4  |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression   |  | 56.1<br>85.0<br>89.1<br>27.2<br>58.0   | 84.2<br>87.9<br>24.4<br>53.5  |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)  | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph  |  | 56.1<br>85.0<br>89.1<br>27.2<br>58.0<br>75.2   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9  |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation  |  | 56.1<br>85.0<br>89.1<br>27.2<br>58.0<br>75.2<br>54.8   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3  |
| 6N9 (L2)<br><u>Patterns and Relations</u><br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model   |  | 56.1<br>85.0<br>89.1<br>27.2<br>58.0<br>75.2   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9  |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation  |  | 56.1<br>85.0<br>89.1<br>27.2<br>58.0<br>75.2<br>54.8<br>35.6   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9  |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model   |  | 56.1<br>85.0<br>89.1<br>27.2<br>58.0<br>75.2<br>54.8<br>35.6   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9  |
| 6N9 (L2)<br>Patterns and Relations.<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values   |  | 56.1<br>85.0<br>89.1<br>27.2<br>58.0<br>75.2<br>54.8<br>35.6<br>37.7   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9  |
| 6N9 (L2)<br>Patterns and Relations.<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>Shape and Space<br>6SS1 (L1)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure   |  | 56.1<br>85.0<br>89.1<br>27.2<br>58.0<br>75.2<br>54.8<br>35.6<br>37.7<br>84.7   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5  |
| 6N9 (L2)<br>Patterns and Relations.<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>Shape and Space<br>6SS1 (L1)<br>6SS1 (L1)  | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle  |  | 56.1<br>85.0<br>89.1<br>27.2<br>58.0<br>75.2<br>54.8<br>35.6<br>37.7<br>84.7<br>86.2   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9  |
| 6N9 (L2)<br>Patterns and Relations.<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>Shape and Space<br>6SS1 (L1)<br>6SS2 (L2)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°   |  | 56.1<br>85.0<br>89.1<br>27.2<br>58.0<br>75.2<br>54.8<br>35.6<br>37.7<br>84.7<br>84.7<br>86.2<br>76.8   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7  |
| 6N9 (L2)<br>Patterns and Relations.<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>Shape and Space<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS2 (L2)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°   |  | 56.1<br>85.0<br>89.1<br>27.2<br>58.0<br>75.2<br>54.8<br>35.6<br>37.7<br>84.7<br>84.7<br>86.2<br>76.8<br>75.4   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4  |
| 6N9 (L2)         Patterns and Relations.         6PR1 (L2)         6PR1 (L3)         6PR3 (L2)         6PR3 (L2)         6PR4 (L2)         6PR5 (L1)         6SS1 (L1)         6SS2 (L2)         6SS3 (L2)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon  |  | 56.1           85.0           89.1           27.2           58.0           75.2           54.8           35.6           37.7           84.7           86.2           76.8           75.4           61.9  | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2  |
| 6N9 (L2)         Patterns and Relations.         6PR1 (L2)         6PR1 (L3)         6PR3 (L2)         6PR3 (L2)         6PR4 (L2)         6PR4 (L2)         6PR4 (L2)         6PR1, 6PR2 (L2)         Shape and Space         6SS1 (L1)         6SS2 (L2)         6SS3 (L2)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism   | 100.0  | 56.1         85.0         89.1         27.2         58.0         75.2         54.8         35.6         37.7         84.7         86.2         76.8         75.4         61.9         47.6   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1  |
| 6N9 (L2)         Patterns and Relations.         6PR1 (L2)         6PR1 (L3)         6PR1, 6PR3 (L2)         6PR3 (L2)         6PR4 (L2)         6PR4 (L2)         6PR4 (L2)         6PR4 (L2)         6PR4 (L2)         6PR4 (L2)         6PR3 (L2)         6PR4 (L2)         6PR4 (L2)         6PR4 (L2)         6SS1 (L1)         6SS2 (L2)         6SS3 (L2)         6SS3 (L1)         6SS4 (L1) | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures   | 100.0<br>100.0                                     | 56.1         85.0         89.1         27.2         58.0         75.2         54.8         35.6         37.7         84.7         86.2         76.8         75.4         61.9         47.6         68.7  | 84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5  |
| 6N9 (L2)<br>Patterns and Relations.<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L1)<br>6SS4 (L1)<br>6SS5 (L2)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures         Sort a given set of polygons according to given attributes  | 100.0<br>100.0<br>100.0                            | 56.1         85.0         89.1         27.2         58.0         75.2         54.8         35.6         37.7         84.7         86.2         76.8         75.4         61.9         47.6         68.7         62.2                           | 84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5           57.4                               |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS2 (L2)<br>6SS3 (L1)<br>6SS4 (L1)<br>6SS4 (L1)<br>6SS5 (L2)<br>6SS4 (L1)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures         Sort a given set of polygons according to given attributes         Identify congruent triangles   | 100.0<br>100.0<br>100.0<br>100.0                   | 56.1         85.0         89.1         27.2         58.0         75.2         54.8         35.6         37.7         84.7         86.2         76.8         75.4         61.9         47.6         68.7         62.2         81.8              | 84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5           57.4           77.1                |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L1)<br>6SS5 (L2)<br>6SS4 (L1)<br>6SS5 (L1)<br>6SS5 (L1)<br>6SS8 (L1)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Pemonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to its angle measures         Sort a given set of polygons according to given attributes         Identify the coordinates of two given points on a Cartesian plane | 100.0<br>100.0<br>100.0<br>100.0<br>100.0<br>100.0 | 56.1         85.0         89.1         27.2         58.0         75.2         54.8         35.6         37.7         84.7         86.2         76.8         75.4         61.9         47.6         68.7         62.2         81.8         74.7 | 84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5           57.4           77.1           68.9 |

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(Item Analysis: % of content answered correctly)

#### NLESD - Central Region

School #: 167 Green Bay South Academy, Robert's Arm

| Grades: k | 6-> |
|-----------|-----|
|           |     |

| Outcome(s)<br>Cognitive Level             | Outcome Description  | School<br>[N=20] | <b>Region</b><br>[N=847] | <b>Province</b><br>[N=4,875] |
|---|--|------------------|--------------------------|------------------------------|
| Number Concepts                           |  |                  |                          |                              |
| 6N1 (L1)                                  | Identify the value of a digit in a given number                              | 60.0             | 72.7                     | 68.2                         |
| 6N1 (L2)                                  | Demonstrate an understanding of place value through base ten representations | 15.0             | 37.8                     | 38.1                         |
| 6N5 (L1)                                  | Write and interpret ratios comparing part-to-whole                           | 70.0             | 63.9                     | 59.7                         |
| 6N5 (L2)                                  | Demonstrate an understanding of equivalent ratios                            | 70.0             | 56.5                     | 48.4                         |
| 6N6 (L1)                                  | Demonstrate an understanding of percent as ratio                             | 25.0             | 50.7                     | 50.0                         |
| 6N6 (L3)                                  | Demonstrate an understanding of percent as ratio                             | 95.0             | 84.4                     | 84.1                         |
| 6N3 (L2)                                  | Distinguish between prime and composite numbers                              | 40.0             | 61.2                     | 54.8                         |
| 6N3 (L2)                                  | Determine factors of a given number  | 60.0             | 70.3                     | 66.3                         |
| 6N4 (L1)                                  | Place an improper fraction on a number line                                  | 45.0             | 46.7                     | 38.2                         |
| 6N7 (L3)                                  | Select integer that best fits description                                    | 75.0             | 73.5                     | 71.9                         |
| Number Operations                         |  |                  |                          |                              |
| 6N8 (L2)                                  | Compute products of whole numbers and decimals                               | 72.2             | 86.9                     | 83.1                         |
| 6N2, 6N8 (L2)                             | Compute quotients of whole numbers and decimals                              | 33.3             | 67.0                     | 64.5                         |
| 6N8 (L3)                                  | Place decimal in correct position in a product of whole numbers and decimals | 44.4             | 86.9                     | 83.8                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves division of decimals                           | 22.2             | 71.3                     | 71.0                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves multiplication of decimals                     | 66.7             | 66.0                     | 64.1                         |
| 6N2 (L2)                                  | Estimate the solution to a subtraction problem                               | 44.4             | 56.0                     | 53.4                         |
| 6N2 (L3)                                  | Determine number expression represented by base ten blocks                   | 61.1             | 62.7                     | 56.7                         |
| 6N9 (L3)                                  | Apply the order of operations to solve a problem                             | 27.8             | 53.5                     | 50.1                         |
| 6N9 (L2)                                  | Apply the order of operations to solve a problem                             | 38.9             | 56.1                     | 49.7                         |
| Patterns and Relations                    |  |                  |                          |                              |
| 6PR1 (L2)                                 | Identify the value of an unknown term in a table of values                   | 88.9             | 85.0                     | 84.2                         |
| 6PR1 (L3)                                 | Identify an error in a given table of values                                 | 88.9             | 89.1                     | 87.9                         |
| 6PR1, 6PR3 (L2)                           | Write a mathematical expression for a situation                              | 5.6              | 27.2                     | 24.4                         |
| 6PR3 (L2)                                 | Represent a pattern rule using a simple mathematical expression              | 44.4             | 58.0                     | 53.5                         |
| 6PR3 (L2)                                 | Extend a pattern that is shown on a line graph                               | 72.2             | 75.2                     | 75.9                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given equation                      | 38.9             | 54.8                     | 50.3                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given model                         | 22.2             | 35.6                     | 28.9                         |
| 6PR1, 6PR2 (L2)<br><u>Shape and Space</u> | Determine a mathematical expression for a situation and a table of values    | 5.6              | 37.7                     | 31.9                         |
| 6SS1 (L1)                                 | Classify a given angle according to its measure                              | 83.3             | 84.7                     | 82.5                         |
| 6SS1 (L1)                                 | Estimate the measure of an angle   | 77.8             | 86.2                     | 85.9                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a triangle is 180°                 | 77.8             | 76.8                     | 72.7                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a quadrilateral is 360°            | 83.3             | 75.4                     | 74.4                         |
| 6SS3 (L2)                                 | Find the perimeter and area of a given polygon                               | 66.7             | 61.9                     | 59.2                         |
| 6SS3 (L1)                                 | Find the volume of a given rectangular prism                                 | 50.0             | 47.6                     | 43.1                         |
| 6SS4 (L1)                                 | Identify a given triangle according to its angle measures                    | 88.9             | 68.7                     | 63.5                         |
| 6SS5 (L2)                                 | Sort a given set of polygons according to given attributes                   | 66.7             | 62.2                     | 57.4                         |
| 6SS4, 6SS5 (L1)                           | Identify congruent triangles   | 83.3             | 81.8                     | 77.1                         |
| 6SS8 (L1)                                 | Identify the coordinates of two given points on a Cartesian plane            | 61.1             | 74.7                     | 68.9                         |
| 6SS6 (L1)                                 | Describe the combined transformations performed on a 2-D shape               | 61.1             | 75.9                     | 74.4                         |
| 6SS9 (L1)                                 | Describe the single transformation performed on a 2-D shape                  |                  |                          |                              |
|   |  | 83.3             | 83.3                     | 80.4                         |
| 6SS7 (L2)                                 | Identify the successive transformations performed to create a design         | 66.7             | 71.7                     | 66.2                         |



(Item Analysis: % of content answered correctly)

NLESD - Central Region

# School #: 174 St. Peter's Academy, Westport

Grades: K-3,5-12

| Outcome(s)<br>Cognitive Level       | Outcome Description   | School<br>[N=2]         | <b>Region</b><br>[N=847] | <b>Province</b><br>[N=4,875] |
|-------------------------------------|---|-------------------------|--------------------------|------------------------------|
| Number Concepts                     |   |                         |                          |                              |
| 6N1 (L1)                            | Identify the value of a digit in a given number   |                         | 72.7                     | 68.2                         |
| 6N1 (L2)                            | Demonstrate an understanding of place value through base ten representations                              | School data             | 37.8                     | 38.1                         |
| 6N5 (L1)                            | Write and interpret ratios comparing part-to-whole  | with 5 or               | 63.9                     | 59.7                         |
| 6N5 (L2)                            | Demonstrate an understanding of equivalent ratios   | fewer                   | 56.5                     | 48.4                         |
| 6N6 (L1)                            | Demonstrate an understanding of percent as ratio  | students                | 50.7                     | 50.0                         |
| 6N6 (L3)                            | Demonstrate an understanding of percent as ratio  | withheld for reasons of | 84.4                     | 84.1                         |
| 6N3 (L2)                            | Distinguish between prime and composite numbers   | confidentiality         | 61.2                     | 54.8                         |
| 6N3 (L2)                            | Determine factors of a given number   |                         | 70.3                     | 66.3                         |
| 6N4 (L1)                            | Place an improper fraction on a number line   |                         | 46.7                     | 38.2                         |
| 6N7 (L3)                            | Select integer that best fits description   |                         | 73.5                     | 71.9                         |
| Number Operations                   |   |                         |                          |                              |
| 6N8 (L2)                            | Compute products of whole numbers and decimals  |                         | 86.9                     | 83.1                         |
| 6N2, 6N8 (L2)                       | Compute quotients of whole numbers and decimals   |                         | 67.0                     | 64.5                         |
| 6N8 (L3)                            | Place decimal in correct position in a product of whole numbers and decimals                              |                         | 86.9                     | 83.8                         |
| 6N2, 6N8 (L2)                       | Solve a problem that involves division of decimals  |                         | 71.3                     | 71.0                         |
| 6N2, 6N8 (L2)                       | Solve a problem that involves multiplication of decimals  |                         | 66.0                     | 64.1                         |
| 6N2 (L2)                            | Estimate the solution to a subtraction problem  |                         | 56.0                     | 53.4                         |
| 6N2 (L3)                            | Determine number expression represented by base ten blocks  |                         | 62.7                     | 56.7                         |
| 6N9 (L3)                            | Apply the order of operations to solve a problem  |                         | 53.5                     | 50.1                         |
| 6N9 (L2)                            | Apply the order of operations to solve a problem  |                         | 56.1                     | 49.7                         |
| Patterns and Relations<br>6PR1 (L2) | Identify the value of an unknown term in a table of values  | _                       | 85.0                     | 84.2                         |
| 6PR1 (L3)                           | Identify an error in a given table of values  |                         | 89.1                     | 87.9                         |
|                                     | , °   | _                       |                          |                              |
| 6PR1, 6PR3 (L2)                     | Write a mathematical expression for a situation   |                         | 27.2                     | 24.4                         |
| 6PR3 (L2)                           | Represent a pattern rule using a simple mathematical expression   |                         | 58.0<br>75.2             | 53.5<br>75.9                 |
| 6PR3 (L2)<br>6PR4 (L2)              | Extend a pattern that is shown on a line graph<br>Identifying an equivalent equation for a given equation |                         | 54.8                     | 50.3                         |
| 6PR4 (L2)                           | Identifying an equivalent equation for a given reduction  |                         | 35.6                     | 28.9                         |
| 6PR1, 6PR2 (L2)                     | Determine a mathematical expression for a situation and a table of values                                 |                         | 37.7                     | 31.9                         |
| Shape and Space                     |   |                         |                          |                              |
| 6SS1 (L1)                           | Classify a given angle according to its measure   |                         | 84.7                     | 82.5                         |
| 6SS1 (L1)                           | Estimate the measure of an angle  |                         | 86.2                     | 85.9                         |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a triangle is 180°  |                         | 76.8                     | 72.7                         |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a quadrilateral is 360°   |                         | 75.4                     | 74.4                         |
| 6SS3 (L2)                           | Find the perimeter and area of a given polygon  | 100.0                   | 61.9                     | 59.2                         |
| 6SS3 (L1)                           | Find the volume of a given rectangular prism  | 0.0                     | 47.6                     | 43.1                         |
| 6SS4 (L1)                           | Identify a given triangle according to its angle measures   | 0.0                     | 68.7                     | 63.5                         |
| 6SS5 (L2)                           | Sort a given set of polygons according to given attributes  | 50.0                    | 62.2                     | 57.4                         |
| 6SS4, 6SS5 (L1)                     | Identify congruent triangles  | 50.0                    | 81.8                     | 77.1                         |
| 6SS8 (L1)                           | Identify the coordinates of two given points on a Cartesian plane   | 50.0                    | 74.7                     | 68.9                         |
| 6SS6 (L1)                           | Describe the combined transformations performed on a 2-D shape  | 50.0                    | 75.9                     | 74.4                         |
| 6SS9 (L1)                           | Describe the single transformation performed on a 2-D shape   | 50.0                    | 83.3                     | 80.4                         |
| 6SS7 (L2)                           | Identify the successive transformations performed to create a design                                      | 0.0                     | 71.7                     | 66.2                         |
|                                     |   | 0.0                     | 11.1                     | 00.2                         |

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(Item Analysis: % of content answered correctly)

NLESD - Central Region

### School #: 177 Greenwood Academy, Campbellton

| Outcome(s)<br>Cognitive Level  | Outcome Description  | <b>School</b><br>[N=10]  | <b>Region</b><br>[N=847]  | Province<br>[N=4,875]   |
|--|--|--|---|---|
| Number Concepts  |  |  |   |   |
| 6N1 (L1)   | Identify the value of a digit in a given number  | 100.0  | 72.7  | 68.2  |
| 6N1 (L2)   | Demonstrate an understanding of place value through base ten representations   | 60.0   | 37.8  | 38.1  |
| 6N5 (L1)   | Write and interpret ratios comparing part-to-whole   | 40.0   | 63.9  | 59.7  |
| 6N5 (L2)   | Demonstrate an understanding of equivalent ratios  | 80.0   | 56.5  | 48.4  |
| 6N6 (L1)   | Demonstrate an understanding of percent as ratio   | 50.0   | 50.7  | 50.0  |
| 6N6 (L3)   | Demonstrate an understanding of percent as ratio   | 90.0   | 84.4  | 84.1  |
| 6N3 (L2)   | Distinguish between prime and composite numbers  | 100.0  | 61.2  | 54.8  |
| 6N3 (L2)   | Determine factors of a given number  | 90.0   | 70.3  | 66.3  |
| 6N4 (L1)   | Place an improper fraction on a number line  | 40.0   | 46.7  | 38.2  |
| 6N7 (L3)   | Select integer that best fits description  | 70.0   | 73.5  | 71.9  |
| Number Operations  |  |  |   |   |
| 6N8 (L2)   | Compute products of whole numbers and decimals   | 100.0  | 96.0  | 00.4  |
| 6N2, 6N8 (L2)  | Compute guotients of whole numbers and decimals  | 100.0  | 86.9  | 83.1  |
|  | Place decimal in correct position in a product of whole numbers and decimals   | 60.0<br>90.0   | 67.0<br>86.9  | 64.5<br>83.8  |
| 6N8 (L3)<br>6N2, 6N8 (L2)  |  |  |   |   |
| 6N2, 6N8 (L2)  | Solve a problem that involves division of decimals   | 90.0   | 71.3  | 71.0  |
|  | Solve a problem that involves multiplication of decimals   | 60.0   | 66.0  | 64.1  |
| 6N2 (L2)   | Estimate the solution to a subtraction problem   | 60.0   | 56.0  | 53.4  |
| 6N2 (L3)   | Determine number expression represented by base ten blocks   | 90.0   | 62.7  | 56.7  |
|  |  |  | 53.5  | 50.1  |
| 6N9 (L3)<br>6N9 (L2)   | Apply the order of operations to solve a problem<br>Apply the order of operations to solve a problem   | 80.0   | 56.1  | 49.7  |
| 6N9 (L3)   |  |  |   |   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations   | Apply the order of operations to solve a problem   | 50.0   | 56.1  | 49.7  |
| 6N9 (L3)<br>6N9 (L2)<br><i>Patterns and Relations</i><br>6PR1 (L2)<br>6PR1 (L3)  | Apply the order of operations to solve a problem<br>Identify the value of an unknown term in a table of values<br>Identify an error in a given table of values   | 50.0           70.0           90.0   | 56.1<br>85.0<br>89.1  | 49.7<br>84.2<br>87.9  |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)  | Apply the order of operations to solve a problem<br>Identify the value of an unknown term in a table of values<br>Identify an error in a given table of values<br>Write a mathematical expression for a situation  | 50.0           70.0           90.0           40.0  | 56.1<br>85.0<br>89.1<br>27.2  | 49.7<br>84.2<br>87.9<br>24.4  |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression   | 50.0           70.0           90.0           40.0           70.0   | 56.1           85.0           89.1           27.2           58.0  | 49.7<br>84.2<br>87.9<br>24.4<br>53.5  |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)  | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph  | 50.0           70.0           90.0           40.0  | 56.1<br>85.0<br>89.1<br>27.2  | 49.7<br>84.2<br>87.9<br>24.4  |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression   | 50.0<br>70.0<br>90.0<br>40.0<br>70.0<br>90.0   | 56.1<br>85.0<br>89.1<br>27.2<br>58.0<br>75.2  | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9  |
| 6N9 (L3)         6N9 (L2)         Patterns and Relations         6PR1 (L2)         6PR1 (L3)         6PR1 (L3)         6PR1 (L2)         6PR3 (L2)         6PR3 (L2)         6PR4 (L2)         6PR4 (L2)         6PR1, 6PR2 (L2)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation  | 50.0           70.0           90.0           40.0           70.0           90.0           70.0           90.0  | 56.1           85.0           89.1           27.2           58.0           75.2           54.8  | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3  |
| 6N9 (L3)         6N9 (L2)         Patterns and Relations         6PR1 (L2)         6PR1 (L3)         6PR1 (L3)         6PR3 (L2)         6PR3 (L2)         6PR4 (L2)         6PR1, 6PR2 (L2)         6PR4 (L2)         6PR1, 6PR2 (L2)         Shape and Space   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values   | 50.0           70.0           90.0           40.0           70.0           90.0           70.0           90.0           70.0           90.0           70.0           90.0           70.0           60.0           70.0   | 56.1           85.0           89.1           27.2           58.0           75.2           54.8           35.6           37.7  | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9  |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>Shape and Space<br>6SS1 (L1)  | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure   | 50.0           70.0           90.0           40.0           70.0           90.0           40.0           70.0           90.0           70.0           90.0           70.0           90.0           100.0   | 56.1           85.0           89.1           27.2           58.0           75.2           54.8           35.6           37.7           84.7   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5  |
| 6N9 (L3)         6N9 (L2)         Patterns and Relations         6PR1 (L2)         6PR1 (L3)         6PR1 (L3)         6PR1 (L2)         6PR3 (L2)         6PR4 (L2)         6PR1, 6PR2 (L2)         6PR4 (L2)         6PR1, 6PR2 (L2)         Shape and Space         6SS1 (L1)         6SS1 (L1)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle  | 50.0           70.0           90.0           40.0           70.0           90.0           70.0           90.0           70.0           90.0           70.0           90.0           70.0           100.0           100.0   | 56.1           85.0           89.1           27.2           58.0           75.2           54.8           35.6           37.7           84.7           86.2  | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9  |
| 6N9 (L3)         6N9 (L2)         Patterns and Relations         6PR1 (L2)         6PR1 (L3)         6PR1 (L3)         6PR3 (L2)         6PR3 (L2)         6PR4 (L2)         6PR1, 6PR2 (L2)         6PR4 (L2)         6PR1, 6PR2 (L2)         Shape and Space         6SS1 (L1)         6SS2 (L2)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°   | 50.0           70.0           90.0           40.0           70.0           90.0           70.0           90.0           70.0           90.0           70.0           90.0           70.0           100.0           90.0  | 56.1           85.0           89.1           27.2           58.0           75.2           54.8           35.6           37.7           84.7           86.2           76.8   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7  |
| 6N9 (L3)         6N9 (L2)         Patterns and Relations         6PR1 (L2)         6PR1 (L3)         6PR1 (A3)         6PR1 (A2)         6PR3 (L2)         6PR4 (L2)         6PR4 (L2)         6PR4 (L2)         6PR1, 6PR2 (L2)         Shape and Space         6SS1 (L1)         6SS2 (L2)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°   | 50.0<br>70.0<br>90.0<br>40.0<br>70.0<br>90.0<br>70.0<br>60.0<br>70.0<br>60.0<br>70.0<br>100.0<br>100.0<br>90.0<br>80.0   | 56.1           85.0           89.1           27.2           58.0           75.2           54.8           35.6           37.7           84.7           86.2           76.8           75.4  | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4  |
| 6N9 (L3)         6N9 (L2)         Patterns and Relations         6PR1 (L2)         6PR1 (L3)         6PR1, 6PR3 (L2)         6PR3 (L2)         6PR3 (L2)         6PR4 (L2)         6PR4 (L2)         6PR1, 6PR2 (L2)         Shape and Space         6SS1 (L1)         6SS2 (L2)         6SS3 (L2)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon  | 50.0<br>70.0<br>90.0<br>40.0<br>70.0<br>90.0<br>70.0<br>60.0<br>70.0<br>100.0<br>100.0<br>90.0<br>80.0<br>80.0   | 56.1           85.0           89.1           27.2           58.0           75.2           54.8           35.6           37.7           84.7           86.2           76.8           75.4           61.9   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2  |
| 6N9 (L3)         6N9 (L2)         Patterns and Relations         6PR1 (L2)         6PR1 (L3)         6PR1 (L3)         6PR1 (L2)         6PR3 (L2)         6PR4 (L2)         6PR1, 6PR2 (L2)         6PR4 (L2)         6PR1, 6PR2 (L2)         Shape and Space         6SS1 (L1)         6SS2 (L2)         6SS3 (L2)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism   | 50.0<br>70.0<br>90.0<br>40.0<br>70.0<br>90.0<br>70.0<br>60.0<br>70.0<br>60.0<br>70.0<br>100.0<br>100.0<br>90.0<br>80.0<br>80.0<br>80.0<br>50.0   | 56.1           85.0           89.1           27.2           58.0           75.2           54.8           35.6           37.7           84.7           86.2           76.8           75.4           61.9           47.6  | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1  |
| 6N9 (L3)           6N9 (L2)           Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1 (L3)           6PR1 (L3)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)           Shape and Space           6SS1 (L1)           6SS2 (L2)           6SS3 (L1)           6SS4 (L1)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures   | 50.0<br>70.0<br>90.0<br>40.0<br>70.0<br>90.0<br>70.0<br>60.0<br>70.0<br>100.0<br>100.0<br>100.0<br>80.0<br>80.0<br>80.0<br>80.0  | 56.1           85.0           89.1           27.2           58.0           75.2           54.8           35.6           37.7           84.7           86.2           76.8           75.4           61.9           47.6           68.7   | 49.7           84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5   |
| 6N9 (L3)           6N9 (L2)           Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1 (A)           6PR1 (L3)           6PR1 (A)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6SS1 (L1)           6SS2 (L2)           6SS3 (L1)           6SS4 (L1)           6SS5 (L2)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to given attributes  | 50.0           70.0           90.0           40.0           70.0           90.0           100.0           100.0           90.0           80.0           80.0           80.0           80.0           80.0  | 56.1           85.0           89.1           27.2           58.0           75.2           54.8           35.6           37.7           84.7           86.2           76.8           75.4           61.9           47.6           68.7           62.2  | 49.7           84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5           57.4  |
| 6N9 (L3)           6N9 (L2)           Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1 (A)           6PR1 (A)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6SS1 (L1)           6SS2 (L2)           6SS3 (L1)           6SS4 (L1)           6SS4 (6SS5 (L1) | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures         Sort a given set of polygons according to given attributes         Identify congruent triangles   | 50.0<br>70.0<br>90.0<br>40.0<br>70.0<br>90.0<br>70.0<br>60.0<br>70.0<br>100.0<br>100.0<br>90.0<br>80.0<br>80.0<br>80.0<br>80.0<br>80.0<br>100.0  | 56.1           85.0           89.1           27.2           58.0           75.2           54.8           35.6           37.7           84.7           86.2           76.8           75.4           61.9           47.6           68.7           62.2           81.8                               | 49.7           84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5           57.4           77.1                               |
| 6N9 (L3)           6N9 (L2)           Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1 (L3)           6PR1 (L3)           6PR1 (L2)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6SS1 (L1)           6SS2 (L2)           6SS3 (L2)           6SS4 (L1)           6SS4 (6SS5 (L1)           6SS8 (L1)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Permonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to its angle measures         Sort a given set of polygons according to given attributes         Identify the coordinates of two given points on a Cartesian plane  | 50.0           70.0           90.0           40.0           70.0           90.0           70.0           90.0           70.0           90.0           70.0           90.0           70.0           90.0           70.0           60.0           70.0           80.0           80.0           80.0           80.0           100.0           100.0                 | 56.1           85.0           89.1           27.2           58.0           75.2           54.8           35.6           37.7           84.7           86.2           76.8           75.4           61.9           47.6           68.7           62.2           81.8           74.7                | 49.7           84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5           57.4           77.1           68.9                |
| 6N9 (L3)           6N9 (L2)           Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1 (L3)           6PR1 (L3)           6PR1 (L2)           6PR3 (L2)           6PR4 (L2)           6SS1 (L1)           6SS2 (L2)           6SS3 (L2)           6SS4 (L1)           6SS4 (SS5 (L1)           6SS8 (L1)           6SS6 (L1)                    | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures         Sort a given set of polygons according to given attributes         Identify the coordinates of two given points on a Cartesian plane         Describe the combined transformations performed on a 2-D shape | 50.0           70.0           90.0           40.0           70.0           90.0           70.0           90.0           70.0           90.0           70.0           90.0           70.0           60.0           70.0           60.0           70.0           80.0           80.0           80.0           80.0           100.0           100.0           100.0 | 56.1           85.0           89.1           27.2           58.0           75.2           54.8           35.6           37.7           84.7           86.2           76.8           75.4           61.9           47.6           68.7           62.2           81.8           74.7           75.9 | 49.7           84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5           57.4           77.1           68.9           74.4 |
| 6N9 (L3)           6N9 (L2)           Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1 (L3)           6PR1 (L3)           6PR1 (L2)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6SS1 (L1)           6SS2 (L2)           6SS3 (L2)           6SS4 (L1)           6SS4 (6SS5 (L1)           6SS8 (L1)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Permonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to its angle measures         Sort a given set of polygons according to given attributes         Identify the coordinates of two given points on a Cartesian plane  | 50.0           70.0           90.0           40.0           70.0           90.0           70.0           90.0           70.0           90.0           70.0           90.0           70.0           90.0           70.0           60.0           70.0           80.0           80.0           80.0           80.0           100.0           100.0                 | 56.1           85.0           89.1           27.2           58.0           75.2           54.8           35.6           37.7           84.7           86.2           76.8           75.4           61.9           47.6           68.7           62.2           81.8           74.7                | 49.7           84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5           57.4           77.1           68.9                |



(Item Analysis: % of content answered correctly)

NLESD - Central Region

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School #: 178 Phoenix Academy, Carmanville Grades: K-12

| Outcome(s)<br>Cognitive Level      | Outcome Description   | School<br>[N=14] | <b>Region</b><br>[N=847] | <b>Province</b><br>[N=4,875] |
|------------------------------------|---|------------------|--------------------------|------------------------------|
| Number Concepts                    |   |                  |                          |                              |
| 6N1 (L1)                           | Identify the value of a digit in a given number   | 78.6             | 72.7                     | 68.2                         |
| 6N1 (L2)                           | Demonstrate an understanding of place value through base ten representations  | 78.6             | 37.8                     | 38.1                         |
| 6N5 (L1)                           | Write and interpret ratios comparing part-to-whole  | 64.3             | 63.9                     | 59.7                         |
| 6N5 (L2)                           | Demonstrate an understanding of equivalent ratios   | 64.3             | 56.5                     | 48.4                         |
| 6N6 (L1)                           | Demonstrate an understanding of percent as ratio  | 85.7             | 50.7                     | 50.0                         |
| 6N6 (L3)                           | Demonstrate an understanding of percent as ratio  | 57.1             | 84.4                     | 84.1                         |
| 6N3 (L2)                           | Distinguish between prime and composite numbers   | 50.0             | 61.2                     | 54.8                         |
| 6N3 (L2)                           | Determine factors of a given number   | 85.7             | 70.3                     | 66.3                         |
| 6N4 (L1)                           | Place an improper fraction on a number line   | 57.1             | 46.7                     | 38.2                         |
| 6N7 (L3)                           | Select integer that best fits description   | 78.6             | 73.5                     | 71.9                         |
| Number Operations                  |   |                  |                          |                              |
| 6N8 (L2)                           | Compute products of whole numbers and decimals  | 92.9             | 86.9                     | 83.1                         |
| 6N2, 6N8 (L2)                      | Compute quotients of whole numbers and decimals   | 64.3             | 67.0                     | 64.5                         |
| 6N8 (L3)                           | Place decimal in correct position in a product of whole numbers and decimals  | 85.7             | 86.9                     | 83.8                         |
| 6N2, 6N8 (L2)                      | Solve a problem that involves division of decimals  | 78.6             | 71.3                     | 71.0                         |
| 6N2, 6N8 (L2)                      | Solve a problem that involves multiplication of decimals  | 64.3             | 66.0                     | 64.1                         |
| 6N2 (L2)                           | Estimate the solution to a subtraction problem  | 50.0             | 56.0                     | 53.4                         |
| 6N2 (L3)                           | Determine number expression represented by base ten blocks  | 57.1             | 62.7                     | 56.7                         |
| 6N9 (L3)                           | Apply the order of operations to solve a problem  | 42.9             | 53.5                     | 50.1                         |
| 6N9 (L2)                           | Apply the order of operations to solve a problem  | 50.0             | 56.1                     | 49.7                         |
| Patterns and Relations             | Identify the value of an unknown term in a table of values  | 100.0            | 05.0                     | 04.0                         |
| 6PR1 (L2)                          | Identify the value of an unknown term in a table of values  | 100.0            | 85.0                     | 84.2                         |
| 6PR1 (L3)                          | Identify an error in a given table of values  | 100.0            | 89.1                     | 87.9                         |
| 6PR1, 6PR3 (L2)                    | Write a mathematical expression for a situation   | 50.0             | 27.2                     | 24.4                         |
| 6PR3 (L2)                          | Represent a pattern rule using a simple mathematical expression   | 85.7             | 58.0                     | 53.5                         |
| 6PR3 (L2)                          | Extend a pattern that is shown on a line graph  | 85.7             | 75.2                     | 75.9                         |
| 6PR4 (L2)                          | Identifying an equivalent equation for a given equation   | 57.1             | 54.8                     | 50.3                         |
| 6PR4 (L2)                          | Identifying an equivalent equation for a given model  | 57.1             | 35.6                     | 28.9                         |
| 6PR1, 6PR2 (L2)<br>Shape and Space | Determine a mathematical expression for a situation and a table of values   | 42.9             | 37.7                     | 31.9                         |
| 6SS1 (L1)                          | Classify a given angle according to its measure   | 78.6             | 84.7                     | 82.5                         |
| 6SS1 (L1)                          | Estimate the measure of an angle  | 85.7             | 86.2                     | 85.9                         |
| 6SS2 (L2)                          | Demonstrate the sum of interior angles of a triangle is 180°  | 64.3             | 76.8                     | 72.7                         |
| 6SS2 (L2)                          | Demonstrate the sum of interior angles of a quadrilateral is 360°   | 64.3             | 75.4                     | 74.4                         |
| 6SS3 (L2)                          | Find the perimeter and area of a given polygon  | 50.0             | 61.9                     | 59.2                         |
| 6SS3 (L1)                          | Find the volume of a given rectangular prism  | 42.9             | 47.6                     | 43.1                         |
| 6SS4 (L1)                          | Identify a given triangle according to its angle measures   | 64.3             | 68.7                     |                              |
| 6SS5 (L2)                          | Sort a given set of polygons according to given attributes  | 85.7             | 62.2                     | 63.5<br>57.4                 |
|                                    | Identify congruent triangles  | 85.7             | 81.8                     | 77.1                         |
| 6SS4, 6SS5 (L1)                    |   |                  |                          |                              |
| 6SS8 (L1)                          | Identify the coordinates of two given points on a Cartesian plane   | 85.7             | 74.7                     | 68.9                         |
| 6SS6 (L1)                          | Describe the combined transformations performed on a 2-D shape  | 71.4             | 75.9                     | 74.4                         |
| 6550 (14)                          | Departing the single transformation nonfermant and 0 Data and   |                  |                          |                              |
| 6SS9 (L1)<br>6SS7 (L2)             | Describe the single transformation performed on a 2-D shape<br>Identify the successive transformations performed to create a design | 92.9             | 83.3<br>71.7             | 80.4<br>66.2                 |



(Item Analysis: % of content answered correctly)

#### NLESD - Central Region

School #: 179 Centreville Academy, Centreville-Wareham

| Grades: | K-9 |
|---------|-----|
|         |     |

| Outcome(s)<br>Cognitive Level             | Outcome Description  | School<br>[N=12] | <b>Region</b><br>[N=847] | <b>Province</b><br>[N=4,875] |
|---|--|------------------|--------------------------|------------------------------|
| Number Concepts                           |  |                  |                          |                              |
| 6N1 (L1)                                  | Identify the value of a digit in a given number                              | 40.0             | 72.7                     | 68.2                         |
| 6N1 (L2)                                  | Demonstrate an understanding of place value through base ten representations | 40.0             | 37.8                     | 38.1                         |
| 6N5 (L1)                                  | Write and interpret ratios comparing part-to-whole                           | 70.0             | 63.9                     | 59.7                         |
| 6N5 (L2)                                  | Demonstrate an understanding of equivalent ratios                            | 30.0             | 56.5                     | 48.4                         |
| 6N6 (L1)                                  | Demonstrate an understanding of percent as ratio                             | 30.0             | 50.7                     | 50.0                         |
| 6N6 (L3)                                  | Demonstrate an understanding of percent as ratio                             | 70.0             | 84.4                     | 84.1                         |
| 6N3 (L2)                                  | Distinguish between prime and composite numbers                              | 60.0             | 61.2                     | 54.8                         |
| 6N3 (L2)                                  | Determine factors of a given number  | 70.0             | 70.3                     | 66.3                         |
| 6N4 (L1)                                  | Place an improper fraction on a number line                                  | 20.0             | 46.7                     | 38.2                         |
| 6N7 (L3)                                  | Select integer that best fits description                                    | 80.0             | 73.5                     | 71.9                         |
| Number Operations                         |  |                  |                          |                              |
| 6N8 (L2)                                  | Compute products of whole numbers and decimals                               | 81.8             | 86.9                     | 83.1                         |
| 6N2, 6N8 (L2)                             | Compute quotients of whole numbers and decimals                              | 63.6             | 67.0                     | 64.5                         |
| 6N8 (L3)                                  | Place decimal in correct position in a product of whole numbers and decimals | 81.8             | 86.9                     | 83.8                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves division of decimals                           | 54.6             | 71.3                     | 71.0                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves multiplication of decimals                     | 54.6             | 66.0                     | 64.1                         |
| 6N2 (L2)                                  | Estimate the solution to a subtraction problem                               | 63.6             | 56.0                     | 53.4                         |
| 6N2 (L3)                                  | Determine number expression represented by base ten blocks                   | 72.7             | 62.7                     | 56.7                         |
| 6N9 (L3)                                  | Apply the order of operations to solve a problem                             | 54.6             | 53.5                     | 50.1                         |
| 6N9 (L2)                                  | Apply the order of operations to solve a problem                             | 45.5             | 56.1                     | 49.7                         |
| Patterns and Relations                    |  |                  |                          |                              |
| 6PR1 (L2)                                 | Identify the value of an unknown term in a table of values                   | 75.0             | 85.0                     | 84.2                         |
| 6PR1 (L3)                                 | Identify an error in a given table of values                                 | 91.7             | 89.1                     | 87.9                         |
| 6PR1, 6PR3 (L2)                           | Write a mathematical expression for a situation                              | 50.0             | 27.2                     | 24.4                         |
| 6PR3 (L2)                                 | Represent a pattern rule using a simple mathematical expression              | 66.7             | 58.0                     | 53.5                         |
| 6PR3 (L2)                                 | Extend a pattern that is shown on a line graph                               | 91.7             | 75.2                     | 75.9                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given equation                      | 58.3             | 54.8                     | 50.3                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given model                         | 41.7             | 35.6                     | 28.9                         |
| 6PR1, 6PR2 (L2)<br><u>Shape and Space</u> | Determine a mathematical expression for a situation and a table of values    | 50.0             | 37.7                     | 31.9                         |
| 6SS1 (L1)                                 | Classify a given angle according to its measure                              | 83.3             | 84.7                     | 82.5                         |
| 6SS1 (L1)                                 | Estimate the measure of an angle   | 91.7             | 86.2                     | 85.9                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a triangle is 180°                 | 83.3             | 76.8                     | 72.7                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a quadrilateral is 360°            | 83.3             | 76.0                     | 74.4                         |
| 6SS3 (L2)                                 | Find the perimeter and area of a given polygon                               | 66.7             | 61.9                     | 59.2                         |
| 6SS3 (L1)                                 | Find the volume of a given rectangular prism                                 | 66.7             | 47.6                     | 43.1                         |
| 6SS4 (L1)                                 | Identify a given triangle according to its angle measures                    | 75.0             | 68.7                     | 63.5                         |
| 6SS5 (L2)                                 | Sort a given set of polygons according to given attributes                   | 75.0             | 62.2                     | 57.4                         |
| 6SS4, 6SS5 (L1)                           | Identify congruent triangles   | 91.7             | 81.8                     | 77.1                         |
| 6SS8 (L1)                                 | Identify the coordinates of two given points on a Cartesian plane            | 50.0             | 74.7                     | 68.9                         |
| 6SS6 (L1)                                 | Describe the combined transformations performed on a 2-D shape               | 75.0             | 75.9                     | 74.4                         |
| 6SS9 (L1)                                 | Describe the single transformation performed on a 2-D shape                  | 66.7             | 83.3                     | 80.4                         |
| 6SS7 (L2)                                 | Identify the successive transformations performed to create a design         | 50.0             | 71.7                     | 66.2                         |
|   | · · · · ·  | 50.0             | ''''                     | 00.2                         |



(Item Analysis: % of content answered correctly)

#### NLESD - Central Region

School #: 180 A. R. Scammell Academy, Change Islands

Grades: K,2-6,8,10-12

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| Outcome(s)<br>Cognitive Level             | Outcome Description  | School<br>[N=2]            | <b>Region</b><br>[N=847] | <b>Province</b><br>[N=4,875] |
|---|--|----------------------------|--------------------------|------------------------------|
| Number Concepts                           |  |                            |                          |                              |
| 6N1 (L1)                                  | Identify the value of a digit in a given number                              |                            | 72.7                     | 68.2                         |
| 6N1 (L2)                                  | Demonstrate an understanding of place value through base ten representations | School data                | 37.8                     | 38.1                         |
| 6N5 (L1)                                  | Write and interpret ratios comparing part-to-whole                           | with 5 or                  | 63.9                     | 59.7                         |
| 6N5 (L2)                                  | Demonstrate an understanding of equivalent ratios                            | fewer                      | 56.5                     | 48.4                         |
| 6N6 (L1)                                  | Demonstrate an understanding of percent as ratio                             | students                   | 50.7                     | 50.0                         |
| 6N6 (L3)                                  | Demonstrate an understanding of percent as ratio                             | withheld for<br>reasons of | 84.4                     | 84.1                         |
| 6N3 (L2)                                  | Distinguish between prime and composite numbers                              | confidentiality            | 61.2                     | 54.8                         |
| 6N3 (L2)                                  | Determine factors of a given number  |                            | 70.3                     | 66.3                         |
| 6N4 (L1)                                  | Place an improper fraction on a number line                                  |                            | 46.7                     | 38.2                         |
| 6N7 (L3)                                  | Select integer that best fits description                                    |                            | 73.5                     | 71.9                         |
| Number Operations                         |  |                            |                          |                              |
| 6N8 (L2)                                  | Compute products of whole numbers and decimals                               |                            | 86.9                     | 83.1                         |
| 6N2, 6N8 (L2)                             | Compute quotients of whole numbers and decimals                              |                            | 67.0                     | 64.5                         |
| 6N8 (L3)                                  | Place decimal in correct position in a product of whole numbers and decimals |                            | 86.9                     | 83.8                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves division of decimals                           |                            | 71.3                     | 71.0                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves multiplication of decimals                     |                            | 66.0                     | 64.1                         |
| 6N2 (L2)                                  | Estimate the solution to a subtraction problem                               |                            | 56.0                     | 53.4                         |
| 6N2 (L3)                                  | Determine number expression represented by base ten blocks                   |                            | 62.7                     | 56.7                         |
| 6N9 (L3)                                  | Apply the order of operations to solve a problem                             |                            | 53.5                     | 50.1                         |
| 6N9 (L2)                                  | Apply the order of operations to solve a problem                             |                            | 56.1                     | 49.7                         |
| Patterns and Relations                    |  |                            |                          |                              |
| 6PR1 (L2)                                 | Identify the value of an unknown term in a table of values                   |                            | 85.0                     | 84.2                         |
| 6PR1 (L3)                                 | Identify an error in a given table of values                                 |                            | 89.1                     | 87.9                         |
| 6PR1, 6PR3 (L2)                           | Write a mathematical expression for a situation                              |                            | 27.2                     | 24.4                         |
| 6PR3 (L2)                                 | Represent a pattern rule using a simple mathematical expression              |                            | 58.0                     | 53.5                         |
| 6PR3 (L2)                                 | Extend a pattern that is shown on a line graph                               |                            | 75.2                     | 75.9                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given equation                      |                            | 54.8                     | 50.3                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given model                         |                            | 35.6                     | 28.9                         |
| 6PR1, 6PR2 (L2)<br><u>Shape and Space</u> | Determine a mathematical expression for a situation and a table of values    |                            | 37.7                     | 31.9                         |
| 6SS1 (L1)                                 | Classify a given angle according to its measure                              |                            | 84.7                     | 82.5                         |
| 6SS1 (L1)                                 | Estimate the measure of an angle   |                            | 86.2                     | 85.9                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a triangle is 180°                 |                            | 76.8                     | 72.7                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a quadrilateral is 360°            |                            | 75.4                     | 74.4                         |
| 6SS3 (L2)                                 | Find the perimeter and area of a given polygon                               | 50.0                       | 61.9                     | 59.2                         |
| 6SS3 (L1)                                 | Find the volume of a given rectangular prism                                 | 0.0                        | 47.6                     | 43.1                         |
| 6SS4 (L1)                                 | Identify a given triangle according to its angle measures                    | 50.0                       | 68.7                     | 63.5                         |
| 6SS5 (L2)                                 | Sort a given set of polygons according to given attributes                   | 0.0                        | 62.2                     | 57.4                         |
| 6SS4, 6SS5 (L1)                           | Identify congruent triangles   | 50.0                       | 81.8                     | 77.1                         |
| 6SS8 (L1)                                 | Identify the coordinates of two given points on a Cartesian plane            | 100.0                      | 74.7                     | 68.9                         |
| 6SS6 (L1)                                 | Describe the combined transformations performed on a 2-D shape               | 0.0                        | 75.9                     | 74.4                         |
| 6SS9 (L1)                                 | Describe the single transformation performed on a 2-D shape                  | 0.0                        | 83.3                     | 80.4                         |
| 6SS7 (L2)                                 | Identify the successive transformations performed to create a design         | 50.0                       | 71.7                     | 66.2                         |
|   |  | 00.0                       | , , , , ,                | 00.2                         |

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(Item Analysis: % of content answered correctly)

NLESD - Central Region

### School #: 183 William Mercer Academy, Dover

| Outcome(s)<br>Cognitive Level             | Outcome Description   | School<br>[N=16] | <b>Region</b><br>[N=847] | <b>Province</b><br>[N=4,875] |
|---|---|------------------|--------------------------|------------------------------|
| Number Concepts                           |   |                  |                          |                              |
| 6N1 (L1)                                  | Identify the value of a digit in a given number   | 62.5             | 72.7                     | 68.2                         |
| 6N1 (L2)                                  | Demonstrate an understanding of place value through base ten representations                              | 56.3             | 37.8                     | 38.1                         |
| 6N5 (L1)                                  | Write and interpret ratios comparing part-to-whole  | 75.0             | 63.9                     | 59.7                         |
| 6N5 (L2)                                  | Demonstrate an understanding of equivalent ratios   | 68.8             | 56.5                     | 48.4                         |
| 6N6 (L1)                                  | Demonstrate an understanding of percent as ratio  | 43.8             | 50.7                     | 50.0                         |
| 6N6 (L3)                                  | Demonstrate an understanding of percent as ratio  | 87.5             | 84.4                     | 84.1                         |
| 6N3 (L2)                                  | Distinguish between prime and composite numbers   | 81.3             | 61.2                     | 54.8                         |
| 6N3 (L2)                                  | Determine factors of a given number   | 62.5             | 70.3                     | 66.3                         |
| 6N4 (L1)                                  | Place an improper fraction on a number line   | 43.8             | 46.7                     | 38.2                         |
| 6N7 (L3)                                  | Select integer that best fits description   | 87.5             | 73.5                     | 71.9                         |
| Number Operations                         |   |                  |                          |                              |
| 6N8 (L2)                                  | Compute products of whole numbers and decimals  | 87.5             | 86.9                     | 83.1                         |
| 6N2, 6N8 (L2)                             | Compute quotients of whole numbers and decimals   | 68.8             | 67.0                     | 64.5                         |
| 6N8 (L3)                                  | Place decimal in correct position in a product of whole numbers and decimals                              | 81.3             | 86.9                     | 83.8                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves division of decimals  | 68.8             | 71.3                     | 71.0                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves multiplication of decimals  | 62.5             | 66.0                     | 64.1                         |
| 6N2 (L2)                                  | Estimate the solution to a subtraction problem  | 75.0             | 56.0                     | 53.4                         |
| 6N2 (L3)                                  | Determine number expression represented by base ten blocks  | 56.3             | 62.7                     | 56.7                         |
| 6N9 (L3)                                  | Apply the order of operations to solve a problem  | 68.8             | 53.5                     | 50.1                         |
| 6N9 (L2)                                  | Apply the order of operations to solve a problem  | 56.3             | 56.1                     | 49.7                         |
| Patterns and Relations                    |   |                  |                          |                              |
| 6PR1 (L2)                                 | Identify the value of an unknown term in a table of values  | 73.3             | 85.0                     | 84.2                         |
| 6PR1 (L3)                                 | Identify an error in a given table of values  | 93.3             | 89.1                     | 87.9                         |
| 6PR1, 6PR3 (L2)                           | Write a mathematical expression for a situation   | 46.7             | 27.2                     | 24.4                         |
| 6PR3 (L2)                                 | Represent a pattern rule using a simple mathematical expression   | 53.3             | 58.0                     | 53.5                         |
| 6PR3 (L2)                                 | Extend a pattern that is shown on a line graph  | 93.3             | 75.2                     | 75.9                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given equation   | 80.0             | 54.8                     | 50.3                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given model  | 20.0             | 35.6                     | 28.9                         |
| 6PR1, 6PR2 (L2)<br><u>Shape and Space</u> | Determine a mathematical expression for a situation and a table of values                                 | 73.3             | 37.7                     | 31.9                         |
|   |   |                  | 0.17                     | 00.5                         |
| 6SS1 (L1)<br>6SS1 (L1)                    | Classify a given angle according to its measure   | 80.0             | 84.7                     | 82.5                         |
|   | Estimate the measure of an angle  | 93.3             | 86.2                     | 85.9                         |
| 6SS2 (L2)<br>6SS2 (L2)                    | Demonstrate the sum of interior angles of a triangle is 180°  | 66.7             | 76.8                     | 72.7                         |
| 6SS2 (L2)<br>6SS3 (L2)                    | Demonstrate the sum of interior angles of a quadrilateral is 360°   | 73.3             | 75.4                     | 74.4                         |
|   | Find the perimeter and area of a given polygon  | 73.3             | 61.9                     | 59.2                         |
| 6SS3 (L1)                                 | Find the volume of a given rectangular prism<br>Identify a given triangle according to its angle measures | 60.0             | 47.6                     | 43.1                         |
| 6SS4 (L1)                                 |   | 73.3             | 68.7                     | 63.5                         |
| 6SS5 (L2)                                 | Sort a given set of polygons according to given attributes  | 73.3             | 62.2                     | 57.4                         |
| 6SS4, 6SS5 (L1)                           | Identify congruent triangles  | 80.0             | 81.8                     | 77.1                         |
| 6SS8 (L1)                                 | Identify the coordinates of two given points on a Cartesian plane   | 80.0             | 74.7                     | 68.9                         |
| 6SS6 (L1)                                 | Describe the combined transformations performed on a 2-D shape  | 60.0             | 75.9                     | 74.4                         |
| 6SS9 (L1)                                 | Describe the single transformation performed on a 2-D shape   | 66.7             | 83.3                     | 80.4                         |
| 6SS7 (L2)                                 | Identify the successive transformations performed to create a design                                      | 66.7             | 71.7                     | 66.2                         |



(Item Analysis: % of content answered correctly)

NLESD - Central Region

### School #: 189 Lewisporte Academy, Lewisporte

| Grades: | K-6 |
|---------|-----|
|         |     |

| Number Concepts           6N1 (L1)           6N1 (L2)           6N5 (L1)           6N5 (L2)           6N6 (L1)           6N6 (L3) | Identify the value of a digit in a given number                              |      |      |      |
|---|--|------|------|------|
| 6N1 (L2)<br>6N5 (L1)<br>6N5 (L2)<br>6N6 (L1)  |  |      |      |      |
| 6N5 (L1)<br>6N5 (L2)<br>6N6 (L1)  | Demonstrate on understanding of place value through base ton representations | 73.9 | 72.7 | 68.2 |
| 6N5 (L2)<br>6N6 (L1)  | Demonstrate an understanding of place value through base ten representations | 26.1 | 37.8 | 38.1 |
| 6N6 (L1)  | Write and interpret ratios comparing part-to-whole                           | 65.2 | 63.9 | 59.7 |
|   | Demonstrate an understanding of equivalent ratios                            | 65.2 | 56.5 | 48.4 |
| 6N6 (L3)  | Demonstrate an understanding of percent as ratio                             | 50.0 | 50.7 | 50.0 |
|   | Demonstrate an understanding of percent as ratio                             | 78.3 | 84.4 | 84.1 |
| 6N3 (L2)  | Distinguish between prime and composite numbers                              | 56.5 | 61.2 | 54.8 |
| 6N3 (L2)  | Determine factors of a given number  | 76.1 | 70.3 | 66.3 |
| 6N4 (L1)  | Place an improper fraction on a number line                                  | 39.1 | 46.7 | 38.2 |
| 6N7 (L3)  | Select integer that best fits description                                    | 60.9 | 73.5 | 71.9 |
| Number Operations   |  |      |      |      |
| 6N8 (L2)  | Compute products of whole numbers and decimals                               | 88.4 | 86.9 | 83.1 |
| 6N2, 6N8 (L2)   | Compute quotients of whole numbers and decimals                              | 79.1 | 67.0 | 64.5 |
| 6N8 (L3)  | Place decimal in correct position in a product of whole numbers and decimals | 93.0 | 86.9 | 83.8 |
| 6N2, 6N8 (L2)   | Solve a problem that involves division of decimals                           | 79.1 | 71.3 | 71.0 |
| 6N2, 6N8 (L2)   | Solve a problem that involves multiplication of decimals                     | 60.5 | 66.0 | 64.1 |
| 6N2 (L2)  | Estimate the solution to a subtraction problem                               | 60.5 | 56.0 | 53.4 |
| 6N2 (L3)  | Determine number expression represented by base ten blocks                   | 76.7 | 62.7 | 56.7 |
| 6N9 (L3)  | Apply the order of operations to solve a problem                             | 48.8 | 53.5 | 50.1 |
| 6N9 (L2)  | Apply the order of operations to solve a problem                             | 65.1 | 56.1 | 49.7 |
| Patterns and Relations  |  |      |      |      |
| 6PR1 (L2)   | Identify the value of an unknown term in a table of values                   | 83.3 | 85.0 | 84.2 |
| 6PR1 (L3)   | Identify an error in a given table of values                                 | 81.0 | 89.1 | 87.9 |
| 6PR1, 6PR3 (L2)   | Write a mathematical expression for a situation                              | 28.6 | 27.2 | 24.4 |
| 6PR3 (L2)   | Represent a pattern rule using a simple mathematical expression              | 61.9 | 58.0 | 53.5 |
| 6PR3 (L2)   | Extend a pattern that is shown on a line graph                               | 85.7 | 75.2 | 75.9 |
| 6PR4 (L2)   | Identifying an equivalent equation for a given equation                      | 33.3 | 54.8 | 50.3 |
| 6PR4 (L2)   | Identifying an equivalent equation for a given model                         | 35.7 | 35.6 | 28.9 |
| 6PR1, 6PR2 (L2)<br><u>Shape and Space</u>   | Determine a mathematical expression for a situation and a table of values    | 35.7 | 37.7 | 31.9 |
| 6SS1 (L1)   | Classify a given angle according to its measure                              | 78.6 | 84.7 | 82.5 |
| 6SS1 (L1)   | Estimate the measure of an angle   | 85.7 | 86.2 | 85.9 |
| 6SS2 (L2)   | Demonstrate the sum of interior angles of a triangle is 180°                 |      |      | 72.7 |
| 6SS2 (L2)   | Demonstrate the sum of interior angles of a quadrilateral is 360°            | 83.3 | 76.8 | 74.4 |
| 6SS3 (L2)   | Find the perimeter and area of a given polygon                               | 61.9 | 61.9 | 59.2 |
| 6SS3 (L1)   | Find the volume of a given rectangular prism                                 | 66.7 | 47.6 | 43.1 |
| 6SS4 (L1)   | Identify a given triangle according to its angle measures                    | 76.2 | 68.7 | 63.5 |
| 6SS5 (L2)   | Sort a given set of polygons according to given attributes                   | 69.1 | 62.2 | 57.4 |
|   | Identify congruent triangles   | 85.7 | 81.8 | 77.1 |
| 6SS4, 6SS5 (L1)   | Identify the coordinates of two given points on a Cartesian plane            | _    |      |      |
| 6SS8 (L1)   |  | 85.7 | 74.7 | 68.9 |
| 6SS6 (L1)   | Describe the combined transformations performed on a 2-D shape               | 83.3 | 75.9 | 74.4 |
| 6SS9 (L1)   | Describe the single transformation performed on a 2-D shape                  | 88.1 | 83.3 | 80.4 |
| 6SS7 (L2)   | Identify the successive transformations performed to create a design         | 85.7 | 71.7 | 66.2 |

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Source: Division of Evaluation and Research, Department of Education and Early Childhood Development



(Item Analysis: % of content answered correctly)

NLESD - Central Region

School #: 192 Lumsden Academy, Lumsden

| Grades: | K-9 |
|---------|-----|
|         |     |

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| Outcome(s)  |  | School   | Region   | Province   |
|---|--|--|--|--|
| Cognitive Level   | Outcome Description  | [N=13]   | [N=847]  | [N=4,875]  |
| Number Concepts   |  |  |  |  |
| 6N1 (L1)  | Identify the value of a digit in a given number  | 53.9   | 72.7   | 68.2   |
| 6N1 (L2)  | Demonstrate an understanding of place value through base ten representations   | 0.0  | 37.8   | 38.1   |
| 6N5 (L1)  | Write and interpret ratios comparing part-to-whole   | 53.9   | 63.9   | 59.7   |
| 6N5 (L2)  | Demonstrate an understanding of equivalent ratios  | 69.2   | 56.5   | 48.4   |
| 6N6 (L1)  | Demonstrate an understanding of percent as ratio   | 38.5   | 50.7   | 50.0   |
| 6N6 (L3)  | Demonstrate an understanding of percent as ratio   | 76.9   | 84.4   | 84.1   |
| 6N3 (L2)  | Distinguish between prime and composite numbers  | 46.2   | 61.2   | 54.8   |
| 6N3 (L2)  | Determine factors of a given number  | 76.9   | 70.3   | 66.3   |
| 6N4 (L1)  | Place an improper fraction on a number line  | 61.5   | 46.7   | 38.2   |
| 6N7 (L3)  | Select integer that best fits description  | 38.5   | 73.5   | 71.9   |
| Number Operations   |  |  |  |  |
| 6N8 (L2)  | Compute products of whole numbers and decimals   | 91.7   | 86.9   | 83.1   |
| 6N2, 6N8 (L2)   | Compute quotients of whole numbers and decimals  | 83.3   | 67.0   | 64.5   |
| 6N8 (L3)  | Place decimal in correct position in a product of whole numbers and decimals   | 83.3   | 86.9   | 83.8   |
| 6N2, 6N8 (L2)   | Solve a problem that involves division of decimals   | 66.7   | 71.3   | 71.0   |
| 6N2, 6N8 (L2)   | Solve a problem that involves multiplication of decimals   | 66.7   | 66.0   | 64.1   |
| 6N2 (L2)  | Estimate the solution to a subtraction problem   | 66.7   | 56.0   | 53.4   |
|   | ·  | 50.0   | 62.7   | 56.7   |
|   | Determine number expression represented by base ten blocks   |  |  |  |
| 6N2 (L3)  |  |  |  |  |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations  | Apply the order of operations to solve a problem<br>Apply the order of operations to solve a problem   | <u> </u>   | 53.5<br>56.1   | 50.1<br>49.7   |
| 6N9 (L3)<br>6N9 (L2)  |  |  |  |  |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations  | Apply the order of operations to solve a problem   | 58.3   | 56.1   | 49.7   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)   | Apply the order of operations to solve a problem<br>Identify the value of an unknown term in a table of values   | 58.3<br>84.6   | 56.1<br>85.0   | 49.7<br>84.2   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)   | Apply the order of operations to solve a problem<br>Identify the value of an unknown term in a table of values<br>Identify an error in a given table of values<br>Write a mathematical expression for a situation  | 58.3<br>84.6<br>92.3   | 56.1<br>85.0<br>89.1   | 49.7<br>84.2<br>87.9   |
| 6N9 (L3)<br>6N9 (L2)<br><u>Patterns and Relations</u><br>6PR1 (L2)<br>6PR1 (L3)   | Apply the order of operations to solve a problem<br>Identify the value of an unknown term in a table of values<br>Identify an error in a given table of values   | 58.3<br>84.6<br>92.3<br>15.4   | 56.1<br>85.0<br>89.1<br>27.2   | 49.7<br>84.2<br>87.9<br>24.4   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)  | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression   | 58.3<br>84.6<br>92.3<br>15.4<br>30.8   | 56.1           85.0           89.1           27.2           58.0   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph  | 58.3<br>58.3<br>84.6<br>92.3<br>15.4<br>30.8<br>61.5   | 56.1<br>85.0<br>89.1<br>27.2<br>58.0<br>75.2   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)  | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation  | 58.3<br>58.3<br>92.3<br>15.4<br>30.8<br>61.5<br>15.4   | 56.1<br>85.0<br>89.1<br>27.2<br>58.0<br>75.2<br>54.8   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>Shape and Space  | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values   | 58.3<br>58.3<br>92.3<br>15.4<br>30.8<br>61.5<br>15.4<br>23.1<br>7.7  | 56.1           85.0           89.1           27.2           58.0           75.2           54.8           35.6           37.7   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>Shape and Space<br>6SS1 (L1)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure   | 58.3<br>58.3<br>92.3<br>15.4<br>30.8<br>61.5<br>15.4<br>23.1<br>7.7<br>84.6  | 56.1           85.0           89.1           27.2           58.0           75.2           54.8           35.6           37.7           84.7  | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>Shape and Space<br>6SS1 (L1)<br>6SS1 (L1)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle  | 58.3           84.6           92.3           15.4           30.8           61.5           15.4           23.1           7.7           84.6           76.9  | 56.1           85.0           89.1           27.2           58.0           75.2           54.8           35.6           37.7           84.7           86.2   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1 (DPR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>Shape and Space<br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°   | 58.3           84.6           92.3           15.4           30.8           61.5           15.4           23.1           7.7           84.6           76.9           92.3   | 56.1           85.0           89.1           27.2           58.0           75.2           54.8           35.6           37.7           84.7           86.2           76.8  | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1 (L3)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>Shape and Space<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS2 (L2)  | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°   | 58.3           84.6           92.3           15.4           30.8           61.5           15.4           23.1           7.7           84.6           76.9           92.3           84.6  | 56.1           85.0           89.1           27.2           58.0           75.2           54.8           35.6           37.7           84.7           86.2           76.8           75.4   | 49.7           84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon  | 58.3           84.6           92.3           15.4           30.8           61.5           15.4           23.1           7.7           84.6           76.9           92.3           84.6           61.5   | 56.1           85.0           89.1           27.2           58.0           75.2           54.8           35.6           37.7           84.7           86.2           76.8           75.4           61.9  | 49.7           84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2  |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L2)<br>6PR1 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS2 (L2)<br>6SS3 (L1)  | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism   | 58.3           84.6           92.3           15.4           30.8           61.5           15.4           23.1           7.7           84.6           76.9           92.3           84.6           61.5           46.2  | 56.1           85.0           89.1           27.2           58.0           75.2           54.8           35.6           37.7           84.7           86.2           76.8           75.4           61.9           47.6   | 49.7           84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1 (DPR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>5hape and Space<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS2 (L2)<br>6SS3 (L1)<br>6SS3 (L1)<br>6SS4 (L1)  | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures   | 58.3         84.6         92.3         15.4         30.8         61.5         15.4         23.1         7.7         84.6         76.9         92.3         84.6         61.5         46.2         69.2   | 56.1           85.0           89.1           27.2           58.0           75.2           54.8           35.6           37.7           84.7           86.2           76.8           75.4           61.9           47.6           68.7  | 49.7           84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5  |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1 (L3)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>Shape and Space<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L1)<br>6SS3 (L1)<br>6SS5 (L2)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to given attributes  | 58.3           84.6           92.3           15.4           30.8           61.5           15.4           23.1           7.7           84.6           76.9           92.3           84.6           61.5           92.3           84.6           61.5           92.3           84.6           61.5           92.3           84.6           61.5           84.6           61.5           84.6           61.5           38.5   | 56.1           85.0           89.1           27.2           58.0           75.2           54.8           35.6           37.7           84.7           86.2           76.8           75.4           61.9           47.6           68.7           62.2                               | 49.7           84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5           57.4                               |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1 (L3)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6 | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures         Sort a given set of polygons according to given attributes         Identify congruent triangles   | 58.3         84.6         92.3         15.4         30.8         61.5         15.4         23.1         7.7         84.6         76.9         92.3         84.6         61.5         38.6         61.5         92.3         84.6         61.5         92.3         84.6         61.5         92.3         84.6         61.5         92.3         84.6         61.5         92.3         84.6         61.5         92.3         84.6         61.5         92.3         84.6         61.5         92.3         92.3         92.3         92.3         92.3         92.3         92.3         92.3         92.3         92.3         92.3         92.3         92.3         92.3         92.3 <tr< td=""><td>56.1           85.0           89.1           27.2           58.0           75.2           54.8           35.6           37.7           84.7           86.2           76.8           75.4           61.9           47.6           68.7           62.2           81.8</td><td>49.7           84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5           57.4           77.1</td></tr<> | 56.1           85.0           89.1           27.2           58.0           75.2           54.8           35.6           37.7           84.7           86.2           76.8           75.4           61.9           47.6           68.7           62.2           81.8                | 49.7           84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5           57.4           77.1                |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>8<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Permonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to its angle measures         Sort a given set of polygons according to given attributes         Identify the coordinates of two given points on a Cartesian plane  | 58.3         84.6         92.3         15.4         30.8         61.5         15.4         23.1         7.7         84.6         76.9         92.3         84.6         61.5         38.6         61.5         92.3         84.6         61.5         92.3         84.6         61.5         92.3         84.6         61.5         92.3         84.6         61.5         92.3         84.6         61.5         92.3         92.3         84.6         61.5         92.3         92.3         84.6         61.5         92.3         92.3         92.3         93.5         76.9         61.5  | 56.1           85.0           89.1           27.2           58.0           75.2           54.8           35.6           37.7           84.7           86.2           76.8           75.4           61.9           47.6           68.7           62.2           81.8           74.7 | 49.7           84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5           57.4           77.1           68.9 |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L2)<br>6SS3 (L1)<br>6SS4 (L1)<br>6SS5 (L2)<br>6SS5 (L2)<br>6SS5 (L1)<br>6SS8 (L1)<br>6SS6 (L1)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures         Sort a given set of polygons according to given attributes         Identify the coordinates of two given points on a Cartesian plane         Describe the combined transformations performed on a 2-D shape | 58.3         84.6         92.3         15.4         30.8         61.5         15.4         23.1         7.7         84.6         76.9         92.3         84.6         61.5         38.6         61.5         92.3         84.6         61.5         92.3         84.6         61.5         92.3         84.6         61.5         92.3         84.6         61.5         92.3         84.6         61.5         92.3         84.6         61.5         92.3         84.6         61.5         92.3         92.3         92.3         92.3         92.3         92.3         92.3         92.3         92.3         92.3         92.3         92.3         92.3         92.3         92.3 <tr< td=""><td>56.1           85.0           89.1           27.2           58.0           75.2           54.8           35.6           37.7           84.7           86.2           76.8           75.4           61.9           47.6           68.7           62.2           81.8</td><td>49.7           84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5           57.4           77.1</td></tr<> | 56.1           85.0           89.1           27.2           58.0           75.2           54.8           35.6           37.7           84.7           86.2           76.8           75.4           61.9           47.6           68.7           62.2           81.8                | 49.7           84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5           57.4           77.1                |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>8<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5<br>5   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Permonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to its angle measures         Sort a given set of polygons according to given attributes         Identify the coordinates of two given points on a Cartesian plane  | 58.3         84.6         92.3         15.4         30.8         61.5         15.4         23.1         7.7         84.6         76.9         92.3         84.6         61.5         38.6         61.5         92.3         84.6         61.5         92.3         84.6         61.5         92.3         84.6         61.5         92.3         84.6         61.5         92.3         84.6         61.5         92.3         92.3         84.6         61.5         92.3         92.3         84.6         61.5         92.3         92.3         92.3         93.5         76.9         61.5  | 56.1           85.0           89.1           27.2           58.0           75.2           54.8           35.6           37.7           84.7           86.2           76.8           75.4           61.9           47.6           68.7           62.2           81.8           74.7 | 49.7           84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5           57.4           77.1           68.9 |

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Source: Division of Evaluation and Research, Department of Education and Early Childhood Development



### Elementary Mathematics Provincial Assessment, June 2014 School Report - Multiple Choice Items (Item Analysis: % of content answered correctly)

NLESD - Central Region

School #: 194 Gill Memorial Academy, Musgrave Harbour

| Grades: | K-12 |
|---------|------|
|         |      |

| Outcome(s)<br>Cognitive Level   | Outcome Description  | School<br>[N=6]   | <b>Region</b><br>[N=847]  | <b>Province</b><br>[N=4,875]   |
|---|--|---|---|--|
| Number Concepts   |  |   |   |  |
| 6N1 (L1)  | Identify the value of a digit in a given number  | 66.7  | 72.7  | 68.2   |
| 6N1 (L2)  | Demonstrate an understanding of place value through base ten representations   | 0.0   | 37.8  | 38.1   |
| 6N5 (L1)  | Write and interpret ratios comparing part-to-whole   | 100.0   | 63.9  | 59.7   |
| 6N5 (L2)  | Demonstrate an understanding of equivalent ratios  | 66.7  | 56.5  | 48.4   |
| 6N6 (L1)  | Demonstrate an understanding of percent as ratio   | 16.7  | 50.7  | 50.0   |
| 6N6 (L3)  | Demonstrate an understanding of percent as ratio   | 100.0   | 84.4  | 84.1   |
| 6N3 (L2)  | Distinguish between prime and composite numbers  | 66.7  | 61.2  | 54.8   |
| 6N3 (L2)  | Determine factors of a given number  | 83.3  | 70.3  | 66.3   |
| 6N4 (L1)  | Place an improper fraction on a number line  | 83.3  | 46.7  | 38.2   |
| 6N7 (L3)  | Select integer that best fits description  | 100.0   | 73.5  | 71.9   |
| Number Operations   |  |   |   |  |
| 6N8 (L2)  | Compute products of whole numbers and decimals   | 100.0   | 86.9  | 82.1   |
| 6N2, 6N8 (L2)   | Compute quotients of whole numbers and decimals  | 100.0   | 67.0  | 83.1<br>64.5   |
| 6N8 (L3)  | Place decimal in correct position in a product of whole numbers and decimals   | 100.0   | 86.9  | 83.8   |
| 6N2, 6N8 (L2)   | Solve a problem that involves division of decimals   | 83.3  | 71.3  | 71.0   |
| 6N2, 6N8 (L2)   | Solve a problem that involves multiplication of decimals   | 66.7  | 66.0  | 64.1   |
| 6N2 (L2)  | Estimate the solution to a subtraction problem   | 100.0   | 56.0  | 53.4   |
| 6N2 (L3)  | Determine number expression represented by base ten blocks   | 50.0  | 62.7  | 56.7   |
| 6N9 (L3)  | Apply the order of operations to solve a problem   | 33.3  | 53.5  | 50.1   |
| 6N9 (L2)  | Apply the order of operations to solve a problem Apply the order of operations to solve a problem  | 50.0  | 56.1  | 49.7   |
| Patterns and Relations<br>6PR1 (L2)   | Identify the value of an unknown term in a table of values   | 83.3  | 85.0  | 84.2   |
| 6PR1 (L3)   | Identify an error in a given table of values   | 100.0   | 89.1  | 87.9   |
| 6PR1, 6PR3 (L2)   | Write a mathematical expression for a situation  | 33.3  | 27.2  | 24.4   |
| 6PR3 (L2)   | Represent a pattern rule using a simple mathematical expression  | 83.3  | 58.0  |  |
| 6PR3 (L2)   |  |   | 00.0  | 53.5   |
|   |  | 66.7  | 75.2  | 53.5<br>75.9   |
| 6PR4 (L2)   | Extend a pattern that is shown on a line graph<br>Identifying an equivalent equation for a given equation  |   | -   |  |
| 6PR4 (L2)<br>6PR4 (L2)  | Extend a pattern that is shown on a line graph   | 66.7  | 75.2  | 75.9   |
| 6PR4 (L2)<br>6PR1, 6PR2 (L2)  | Extend a pattern that is shown on a line graph<br>Identifying an equivalent equation for a given equation  | 66.7<br>83.3  | 75.2<br>54.8  | 75.9<br>50.3   |
| 6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>Shape and Space   | Extend a pattern that is shown on a line graph<br>Identifying an equivalent equation for a given equation<br>Identifying an equivalent equation for a given model<br>Determine a mathematical expression for a situation and a table of values   | 66.7<br>83.3<br>50.0<br>16.7  | 75.2<br>54.8<br>35.6<br>37.7  | 75.9<br>50.3<br>28.9<br>31.9   |
| 6PR4 (L2)<br>6PR1, 6PR2 (L2)  | Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure  | 66.7<br>83.3<br>50.0<br>16.7<br>83.3  | 75.2<br>54.8<br>35.6<br>37.7<br>84.7  | 75.9<br>50.3<br>28.9<br>31.9<br>82.5   |
| 6PR4 (L2)<br>6PR1, 6PR2 (L2)<br><b>Shape and Space</b><br>6SS1 (L1)<br>6SS1 (L1)  | Extend a pattern that is shown on a line graph<br>Identifying an equivalent equation for a given equation<br>Identifying an equivalent equation for a given model<br>Determine a mathematical expression for a situation and a table of values   | 66.7           83.3           50.0           16.7           83.3           100.0  | 75.2<br>54.8<br>35.6<br>37.7<br>84.7<br>86.2  | 75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9   |
| 6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>Shape and Space<br>6SS1 (L1)  | Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°  | 66.7           83.3           50.0           16.7           83.3           100.0           83.3   | 75.2<br>54.8<br>35.6<br>37.7<br>84.7<br>86.2<br>76.8  | 75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7   |
| 6PR4 (L2)<br>6PR1, 6PR2 (L2)<br><b>Shape and Space</b><br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)   | Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle   | 66.7           83.3           50.0           16.7           83.3           100.0           83.3           100.0   | 75.2<br>54.8<br>35.6<br>37.7<br>84.7<br>86.2<br>76.8<br>75.4  | 75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4   |
| 6PR4 (L2)           6PR1, 6PR2 (L2)           Shape and Space           6SS1 (L1)           6SS1 (L1)           6SS2 (L2)           6SS3 (L2)   | Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°  | 66.7           83.3           50.0           16.7           83.3           100.0           83.3   | 75.2<br>54.8<br>35.6<br>37.7<br>84.7<br>86.2<br>76.8  | 75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7   |
| 6PR4 (L2)           6PR1, 6PR2 (L2)           Shape and Space           6SS1 (L1)           6SS2 (L2)           6SS2 (L2)           6SS3 (L2)           6SS3 (L1)   | Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon   | 66.7<br>83.3<br>50.0<br>16.7<br>83.3<br>100.0<br>83.3<br>100.0<br>50.0<br>33.3  | 75.2<br>54.8<br>35.6<br>37.7<br>84.7<br>86.2<br>76.8<br>75.4<br>61.9<br>47.6  | 75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1   |
| 6PR4 (L2)           6PR1, 6PR2 (L2)           Shape and Space           6SS1 (L1)           6SS2 (L2)           6SS3 (L2)           6SS3 (L1)           6SS4 (L1)   | Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures  | 66.7           83.3           50.0           16.7           83.3           100.0           83.3           100.0           33.3           100.0  | 75.2<br>54.8<br>35.6<br>37.7<br>84.7<br>86.2<br>76.8<br>75.4<br>61.9<br>47.6<br>68.7  | 75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1<br>63.5                                 |
| 6PR4 (L2)           6PR1, 6PR2 (L2)           Shape and Space           6SS1 (L1)           6SS2 (L2)           6SS3 (L2)           6SS3 (L1)           6SS4 (L1)           6SS5 (L2)   | Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to its angle measures   | 66.7           83.3           50.0           16.7           83.3           100.0           83.3           100.0           33.3           100.0           66.7   | 75.2<br>54.8<br>35.6<br>37.7<br>84.7<br>86.2<br>76.8<br>75.4<br>61.9<br>47.6<br>68.7<br>62.2  | 75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1<br>63.5<br>57.4                         |
| 6PR4 (L2)           6PR1, 6PR2 (L2)           Shape and Space           6SS1 (L1)           6SS2 (L2)           6SS3 (L2)           6SS3 (L1)           6SS4 (L1)           6SS5 (L2)           6SS3 (L1)           6SS5 (L2)           6SS5 (L2)   | Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to given attributes         Identify congruent triangles  | 66.7           83.3           50.0           16.7           83.3           100.0           83.3           100.0           50.0           33.3           100.0           66.7           66.7                               | 75.2<br>54.8<br>35.6<br>37.7<br>84.7<br>86.2<br>76.8<br>75.4<br>61.9<br>47.6<br>68.7<br>62.2<br>81.8  | 75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1<br>63.5<br>57.4<br>77.1                 |
| 6PR4 (L2)           6PR1, 6PR2 (L2)           Shape and Space           6SS1 (L1)           6SS2 (L2)           6SS3 (L2)           6SS4 (L1)           6SS5 (L2)           6SS5 (L2)           6SS4 (L1)           6SS5 (L2)           6SS4, 6SS5 (L1)           6SS8 (L1)               | Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to given attributes         Identify congruent triangles         Identify the coordinates of two given points on a Cartesian plane  | 66.7           83.3           50.0           16.7           83.3           100.0           83.3           100.0           33.3           100.0           66.7           66.7           33.3                               | 75.2           54.8           35.6           37.7           84.7           86.2           76.8           75.4           61.9           47.6           68.7           62.2           81.8           74.7 | 75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1<br>63.5<br>57.4<br>77.1<br>68.9         |
| 6PR4 (L2)           6PR1, 6PR2 (L2)           Shape and Space           6SS1 (L1)           6SS2 (L2)           6SS3 (L1)           6SS4 (L1)           6SS5 (L2)           6SS5 (L2)           6SS4 (L1)           6SS4 (L1)           6SS8 (L2)           6SS4 (L1)           6SS6 (L1) | Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to given attributes         Identify congruent triangles         Identify the coordinates of two given points on a Cartesian plane         Describe the combined transformations performed on a 2-D shape | 66.7           83.3           50.0           16.7           83.3           100.0           83.3           100.0           83.3           100.0           66.7           66.7           66.7           66.7           83.3 | 75.2<br>54.8<br>35.6<br>37.7<br>84.7<br>86.2<br>76.8<br>75.4<br>61.9<br>47.6<br>68.7<br>62.2<br>81.8<br>74.7<br>75.9  | 75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1<br>63.5<br>57.4<br>77.1<br>68.9<br>74.4 |
| 6PR4 (L2)           6PR1, 6PR2 (L2)           Shape and Space           6SS1 (L1)           6SS2 (L2)           6SS3 (L2)           6SS4 (L1)           6SS5 (L2)           6SS5 (L2)           6SS4 (L1)           6SS5 (L2)           6SS4, 6SS5 (L1)           6SS8 (L1)               | Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to given attributes         Identify congruent triangles         Identify the coordinates of two given points on a Cartesian plane  | 66.7           83.3           50.0           16.7           83.3           100.0           83.3           100.0           33.3           100.0           66.7           66.7           33.3                               | 75.2           54.8           35.6           37.7           84.7           86.2           76.8           75.4           61.9           47.6           68.7           62.2           81.8           74.7 | 75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1<br>63.5<br>57.4<br>77.1<br>68.9         |

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(Item Analysis: % of content answered correctly)

### NLESD - Central Region

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School #: 196 St. Gabriel's AG, St. Brendan's Grades: K-3,6-9,11-12

| Outcome(s)<br>Cognitive Level       | Outcome Description  | School<br>[N=1]            | <b>Region</b><br>[N=847] | <b>Province</b><br>[N=4,875] |
|-------------------------------------|--|----------------------------|--------------------------|------------------------------|
| Number Concepts                     |  |                            |                          |                              |
| 6N1 (L1)                            | Identify the value of a digit in a given number                              |                            | 72.7                     | 68.2                         |
| 6N1 (L2)                            | Demonstrate an understanding of place value through base ten representations | School data                | 37.8                     | 38.1                         |
| 6N5 (L1)                            | Write and interpret ratios comparing part-to-whole                           | with 5 or                  | 63.9                     | 59.7                         |
| 6N5 (L2)                            | Demonstrate an understanding of equivalent ratios                            | fewer                      | 56.5                     | 48.4                         |
| 6N6 (L1)                            | Demonstrate an understanding of percent as ratio                             | students                   | 50.7                     | 50.0                         |
| 6N6 (L3)                            | Demonstrate an understanding of percent as ratio                             | withheld for               | 84.4                     | 84.1                         |
| 6N3 (L2)                            | Distinguish between prime and composite numbers                              | reasons of confidentiality | 61.2                     | 54.8                         |
| 6N3 (L2)                            | Determine factors of a given number  |                            | 70.3                     | 66.3                         |
| 6N4 (L1)                            | Place an improper fraction on a number line                                  |                            | 46.7                     | 38.2                         |
| 6N7 (L3)                            | Select integer that best fits description                                    |                            | 73.5                     | 71.9                         |
| Number Operations                   |  |                            |                          |                              |
| 6N8 (L2)                            | Compute products of whole numbers and decimals                               |                            | 86.9                     | 83.1                         |
| 6N2, 6N8 (L2)                       | Compute quotients of whole numbers and decimals                              |                            | 67.0                     | 64.5                         |
| 6N8 (L3)                            | Place decimal in correct position in a product of whole numbers and decimals |                            | 86.9                     | 83.8                         |
| 6N2, 6N8 (L2)                       | Solve a problem that involves division of decimals                           |                            | 71.3                     | 71.0                         |
| 6N2, 6N8 (L2)                       | Solve a problem that involves multiplication of decimals                     |                            | 66.0                     | 64.1                         |
| 6N2 (L2)                            | Estimate the solution to a subtraction problem                               |                            | 56.0                     | 53.4                         |
| 6N2 (L3)                            | Determine number expression represented by base ten blocks                   |                            | 62.7                     | 56.7                         |
| 6N9 (L3)                            | Apply the order of operations to solve a problem                             |                            | 53.5                     | 50.1                         |
| 6N9 (L2)                            | Apply the order of operations to solve a problem                             |                            | 56.1                     | 49.7                         |
| Patterns and Relations<br>6PR1 (L2) | Identify the value of an unknown term in a table of values                   |                            | 85.0                     | 84.2                         |
| 6PR1 (L3)                           | Identify an error in a given table of values                                 |                            | 89.1                     | 87.9                         |
| 6PR1, 6PR3 (L2)                     | Write a mathematical expression for a situation                              |                            | 27.2                     | 24.4                         |
| 6PR3 (L2)                           | Represent a pattern rule using a simple mathematical expression              |                            | 58.0                     | 53.5                         |
| 6PR3 (L2)                           | Extend a pattern that is shown on a line graph                               |                            | 75.2                     | 75.9                         |
| 6PR4 (L2)                           | Identifying an equivalent equation for a given equation                      |                            | 54.8                     | 50.3                         |
| 6PR4 (L2)                           | Identifying an equivalent equation for a given model                         |                            | 35.6                     | 28.9                         |
| 6PR1, 6PR2 (L2)                     | Determine a mathematical expression for a situation and a table of values    |                            | 37.7                     | 31.9                         |
| Shape and Space                     |  |                            |                          |                              |
| 6SS1 (L1)                           | Classify a given angle according to its measure                              |                            | 84.7                     | 82.5                         |
| 6SS1 (L1)                           | Estimate the measure of an angle   |                            | 86.2                     | 85.9                         |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a triangle is 180°                 |                            | 76.8                     | 72.7                         |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a quadrilateral is 360°            |                            | 75.4                     | 74.4                         |
| 6SS3 (L2)                           | Find the perimeter and area of a given polygon                               | 0.0                        | 61.9                     | 59.2                         |
| 6SS3 (L1)                           | Find the volume of a given rectangular prism                                 | 0.0                        | 47.6                     | 43.1                         |
| 6SS4 (L1)                           | Identify a given triangle according to its angle measures                    | 0.0                        | 68.7                     | 63.5                         |
| 6SS5 (L2)                           | Sort a given set of polygons according to given attributes                   | 0.0                        | 62.2                     | 57.4                         |
| 6SS4, 6SS5 (L1)                     | Identify congruent triangles   | 0.0                        | 81.8                     | 77.1                         |
| 6SS8 (L1)                           | Identify the coordinates of two given points on a Cartesian plane            | 0.0                        | 74.7                     | 68.9                         |
| 6SS6 (L1)                           | Describe the combined transformations performed on a 2-D shape               | 0.0                        | 75.9                     | 74.4                         |
| 6SS9 (L1)                           | Describe the single transformation performed on a 2-D shape                  | 0.0                        | 83.3                     | 80.4                         |
| 6SS7 (L2)                           | Identify the successive transformations performed to create a design         | 0.0                        | 71.7                     | 66.2                         |
|                                     |  |                            |                          |                              |

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### Elementary Mathematics Provincial Assessment, June 2014 School Report - Multiple Choice Items (Item Analysis: % of content answered correctly)

NLESD - Central Region

### School #: 202 Twillingate Island Elementary, Twillingate

| Grades: | K-6 |
|---------|-----|
|         |     |

Outcome(s

| Outcome(s)                         |  | School | Region  | Province  |
|------------------------------------|--|--------|---------|-----------|
| Cognitive Level                    | Outcome Description  | [N=20] | [N=847] | [N=4,875] |
| Number Concepts                    |  |        |         |           |
| 6N1 (L1)                           | Identify the value of a digit in a given number                              | 55.0   | 72.7    | 68.2      |
| 6N1 (L2)                           | Demonstrate an understanding of place value through base ten representations | 55.0   | 37.8    | 38.1      |
| 6N5 (L1)                           | Write and interpret ratios comparing part-to-whole                           | 70.0   | 63.9    | 59.7      |
| 6N5 (L2)                           | Demonstrate an understanding of equivalent ratios                            | 45.0   | 56.5    | 48.4      |
| 6N6 (L1)                           | Demonstrate an understanding of percent as ratio                             | 40.0   | 50.7    | 50.0      |
| 6N6 (L3)                           | Demonstrate an understanding of percent as ratio                             | 90.0   | 84.4    | 84.1      |
| 6N3 (L2)                           | Distinguish between prime and composite numbers                              | 50.0   | 61.2    | 54.8      |
| 6N3 (L2)                           | Determine factors of a given number  | 80.0   | 70.3    | 66.3      |
| 6N4 (L1)                           | Place an improper fraction on a number line                                  | 30.0   | 46.7    | 38.2      |
| 6N7 (L3)                           | Select integer that best fits description                                    | 65.0   | 73.5    | 71.9      |
| Number Operations                  |  |        |         |           |
| 6N8 (L2)                           | Compute products of whole numbers and decimals                               | 65.0   | 86.9    | 83.1      |
| 6N2, 6N8 (L2)                      | Compute quotients of whole numbers and decimals                              | 60.0   | 67.0    | 64.5      |
| 6N8 (L3)                           | Place decimal in correct position in a product of whole numbers and decimals | 80.0   | 86.9    | 83.8      |
| 6N2, 6N8 (L2)                      | Solve a problem that involves division of decimals                           | 60.0   | 71.3    | 71.0      |
| 6N2, 6N8 (L2)                      | Solve a problem that involves multiplication of decimals                     | 80.0   | 66.0    | 64.1      |
| 6N2 (L2)                           | Estimate the solution to a subtraction problem                               | 45.0   | 56.0    | 53.4      |
| 6N2 (L3)                           | Determine number expression represented by base ten blocks                   | 55.0   | 62.7    | 56.7      |
| 6N9 (L3)                           | Apply the order of operations to solve a problem                             | 30.0   | 53.5    | 50.1      |
| 6N9 (L2)                           | Apply the order of operations to solve a problem                             | 60.0   | 56.1    | 49.7      |
| Patterns and Relations             |  |        |         |           |
| 6PR1 (L2)                          | Identify the value of an unknown term in a table of values                   | 79.0   | 85.0    | 84.2      |
| 6PR1 (L3)                          | Identify an error in a given table of values                                 | 89.5   | 89.1    | 87.9      |
| 6PR1, 6PR3 (L2)                    | Write a mathematical expression for a situation                              | 5.3    | 27.2    | 24.4      |
| 6PR3 (L2)                          | Represent a pattern rule using a simple mathematical expression              | 47.4   | 58.0    | 53.5      |
| 6PR3 (L2)                          | Extend a pattern that is shown on a line graph                               | 57.9   | 75.2    | 75.9      |
| 6PR4 (L2)                          | Identifying an equivalent equation for a given equation                      | 42.1   | 54.8    | 50.3      |
| 6PR4 (L2)                          | Identifying an equivalent equation for a given model                         | 0.0    | 35.6    | 28.9      |
| 6PR1, 6PR2 (L2)<br>Shape and Space | Determine a mathematical expression for a situation and a table of values    | 47.4   | 37.7    | 31.9      |
| 6SS1 (L1)                          | Classify a given angle according to its measure                              | 94.7   | 84.7    | 82.5      |
| 6SS1 (L1)                          | Estimate the measure of an angle   | 89.5   | 86.2    | 85.9      |
| 6SS2 (L2)                          | Demonstrate the sum of interior angles of a triangle is 180°                 | 57.9   | 76.8    | 72.7      |
| 6SS2 (L2)                          | Demonstrate the sum of interior angles of a quadrilateral is 360°            | 63.2   | 75.4    | 74.4      |
| 6SS3 (L2)                          | Find the perimeter and area of a given polygon                               | 63.2   | 61.9    | 59.2      |
| 6SS3 (L1)                          | Find the volume of a given rectangular prism                                 | 42.1   | 47.6    | 43.1      |
| 6SS4 (L1)                          | Identify a given triangle according to its angle measures                    | 42.1   | 68.7    | 63.5      |
| 6SS5 (L2)                          | Sort a given set of polygons according to given attributes                   | 15.8   | 62.2    | 57.4      |
|                                    | Identify congruent triangles   | 79.0   | 81.8    | 77.1      |
| 6SS4, 6SS5 (L1)<br>6SS8 (L1)       | Identify the coordinates of two given points on a Cartesian plane            | 63.2   | 74.7    | 68.9      |
| 6SS6 (L1)                          | Describe the combined transformations performed on a 2-D shape               | 57.9   | 74.7    | 74.4      |
| 6SS9 (L1)                          | Describe the single transformation performed on a 2-D shape                  |        |         |           |
|                                    |  | 84.2   | 83.3    | 80.4      |
| 6SS7 (L2)                          | Identify the successive transformations performed to create a design         | 73.7   | 71.7    | 66.2      |



(Item Analysis: % of content answered correctly)

NLESD - Central Region

School #: 204 Pearson Academy, Wesleyville Grades: K-12

| Outcome(s)<br>Cognitive Level       | Outcome Description  | School<br>[N=12] | <b>Region</b><br>[N=847] | <b>Province</b><br>[N=4,875] |
|-------------------------------------|--|------------------|--------------------------|------------------------------|
| Number Concepts                     |  |                  |                          |                              |
| 6N1 (L1)                            | Identify the value of a digit in a given number  | 66.7             | 72.7                     | 68.2                         |
| 6N1 (L2)                            | Demonstrate an understanding of place value through base ten representations   | 41.7             | 37.8                     | 38.1                         |
| 6N5 (L1)                            | Write and interpret ratios comparing part-to-whole   | 66.7             | 63.9                     | 59.7                         |
| 6N5 (L2)                            | Demonstrate an understanding of equivalent ratios  | 83.3             | 56.5                     | 48.4                         |
| 6N6 (L1)                            | Demonstrate an understanding of percent as ratio   | 75.0             | 50.7                     | 50.0                         |
| 6N6 (L3)                            | Demonstrate an understanding of percent as ratio   | 83.3             | 84.4                     | 84.1                         |
| 6N3 (L2)                            | Distinguish between prime and composite numbers  | 75.0             | 61.2                     | 54.8                         |
| 6N3 (L2)                            | Determine factors of a given number  | 75.0             | 70.3                     | 66.3                         |
| 6N4 (L1)                            | Place an improper fraction on a number line  | 66.7             | 46.7                     | 38.2                         |
| 6N7 (L3)                            | Select integer that best fits description  | 75.0             | 73.5                     | 71.9                         |
| Number Operations                   |  |                  |                          |                              |
| 6N8 (L2)                            | Compute products of whole numbers and decimals   | 83.3             | 86.9                     | 83.1                         |
| 6N2, 6N8 (L2)                       | Compute quotients of whole numbers and decimals  | 58.3             | 67.0                     | 64.5                         |
| 6N8 (L3)                            | Place decimal in correct position in a product of whole numbers and decimals   | 91.7             | 86.9                     | 83.8                         |
| 6N2, 6N8 (L2)                       | Solve a problem that involves division of decimals   | 58.3             | 71.3                     | 71.0                         |
| 6N2, 6N8 (L2)                       | Solve a problem that involves multiplication of decimals   | 83.3             | 66.0                     | 64.1                         |
| 6N2 (L2)                            | Estimate the solution to a subtraction problem   | 58.3             | 56.0                     | 53.4                         |
| 6N2 (L3)                            | Determine number expression represented by base ten blocks   | 58.3             | 62.7                     | 56.7                         |
| 6N9 (L3)                            | Apply the order of operations to solve a problem   | 41.7             | 53.5                     | 50.1                         |
| 6N9 (L2)                            | Apply the order of operations to solve a problem   | 33.3             | 56.1                     | 49.7                         |
| Patterns and Relations<br>6PR1 (L2) | Identify the value of an unknown term in a table of values   | 91.7             | 85.0                     | 84.2                         |
|                                     | -  |                  | -                        |                              |
| 6PR1 (L3)                           | Identify an error in a given table of values   | 91.7             | 89.1                     | 87.9                         |
| 6PR1, 6PR3 (L2)                     | Write a mathematical expression for a situation  | 16.7             | 27.2                     | 24.4                         |
| 6PR3 (L2)                           | Represent a pattern rule using a simple mathematical expression  | 91.7             | 58.0                     | 53.5                         |
| 6PR3 (L2)                           | Extend a pattern that is shown on a line graph   | 66.7             | 75.2                     | 75.9                         |
| 6PR4 (L2)                           | Identifying an equivalent equation for a given equation  | 41.7             | 54.8                     | 50.3                         |
| 6PR4 (L2)<br>6PR1, 6PR2 (L2)        | Identifying an equivalent equation for a given model Determine a mathematical expression for a situation and a table of values | 41.7             | 35.6<br>37.7             | 28.9<br>31.9                 |
| Shape and Space                     |  | 41.7             | 01.1                     | 01.0                         |
| 6SS1 (L1)                           | Classify a given angle according to its measure  | 91.7             | 84.7                     | 82.5                         |
| 6SS1 (L1)                           | Estimate the measure of an angle   | 75.0             | 86.2                     | 85.9                         |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a triangle is 180°   | 75.0             | 76.8                     | 72.7                         |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a quadrilateral is 360°  | 83.3             | 75.4                     | 74.4                         |
| 6SS3 (L2)                           | Find the perimeter and area of a given polygon   | 75.0             | 61.9                     | 59.2                         |
| 6SS3 (L1)                           | Find the volume of a given rectangular prism   | 50.0             | 47.6                     | 43.1                         |
| 6SS4 (L1)                           | Identify a given triangle according to its angle measures  | 75.0             | 68.7                     | 63.5                         |
| 6SS5 (L2)                           | Sort a given set of polygons according to given attributes   | 75.0             | 62.2                     | 57.4                         |
| 6SS4, 6SS5 (L1)                     | Identify congruent triangles   | 83.3             | 81.8                     | 77.1                         |
| 6SS8 (L1)                           | Identify the coordinates of two given points on a Cartesian plane  | 83.3             | 74.7                     | 68.9                         |
| 6SS6 (L1)                           | Describe the combined transformations performed on a 2-D shape   | 58.3             | 75.9                     | 74.4                         |
| 6SS9 (L1)                           | Describe the single transformation performed on a 2-D shape  | 75.0             | 83.3                     | 80.4                         |
| 6SS7 (L2)                           | Identify the successive transformations performed to create a design   | 58.3             | 71.7                     | 66.2                         |
|                                     | ,  | 00.0             |                          | 00.2                         |

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Source: Division of Evaluation and Research, Department of Education and Early Childhood Development



(Item Analysis: % of content answered correctly)

NLESD - Central Region

School #: 206 Riverwood Academy, Wing's Point Grades: K-12

| Outcome(s)<br>Cognitive Level | Outcome Description  | School<br>[N=10] | <b>Region</b><br>[N=847] | <b>Province</b><br>[N=4,875] |
|-------------------------------|--|------------------|--------------------------|------------------------------|
| Number Concepts               |  |                  |                          |                              |
| 6N1 (L1)                      | Identify the value of a digit in a given number  | 50.0             | 72.7                     | 68.2                         |
| 6N1 (L2)                      | Demonstrate an understanding of place value through base ten representations   | 0.0              | 37.8                     | 38.1                         |
| 6N5 (L1)                      | Write and interpret ratios comparing part-to-whole   | 100.0            | 63.9                     | 59.7                         |
| 6N5 (L2)                      | Demonstrate an understanding of equivalent ratios  | 16.7             | 56.5                     | 48.4                         |
| 6N6 (L1)                      | Demonstrate an understanding of percent as ratio   | 16.7             | 50.7                     | 50.0                         |
| 6N6 (L3)                      | Demonstrate an understanding of percent as ratio   | 100.0            | 84.4                     | 84.1                         |
| 6N3 (L2)                      | Distinguish between prime and composite numbers  | 83.3             | 61.2                     | 54.8                         |
| 6N3 (L2)                      | Determine factors of a given number  | 50.0             | 70.3                     | 66.3                         |
| 6N4 (L1)                      | Place an improper fraction on a number line  | 16.7             | 46.7                     | 38.2                         |
| 6N7 (L3)                      | Select integer that best fits description  | 83.3             | 73.5                     | 71.9                         |
| Number Operations             |  |                  |                          |                              |
| 6N8 (L2)                      | Compute products of whole numbers and decimals   | 75.0             | 86.9                     | 83.1                         |
| 6N2, 6N8 (L2)                 | Compute quotients of whole numbers and decimals  | 75.0             | 67.0                     | 64.5                         |
| 6N8 (L3)                      | Place decimal in correct position in a product of whole numbers and decimals   | 75.0             | 86.9                     | 83.8                         |
| 6N2, 6N8 (L2)                 | Solve a problem that involves division of decimals   | 62.5             | 71.3                     | 71.0                         |
| 6N2, 6N8 (L2)                 | Solve a problem that involves multiplication of decimals   | 87.5             | 66.0                     | 64.1                         |
| 6N2 (L2)                      | Estimate the solution to a subtraction problem   | 62.5             | 56.0                     | 53.4                         |
| 6N2 (L3)                      | Determine number expression represented by base ten blocks   | 75.0             | 62.7                     | 56.7                         |
| 6N9 (L3)                      | Apply the order of operations to solve a problem   | 37.5             | 53.5                     | 50.1                         |
| 6N9 (L2)                      | Apply the order of operations to solve a problem   | 37.5             | 56.1                     | 49.7                         |
| Patterns and Relations        | Identify the value of an unknown term in a table of values   | 100.0            | 95.0                     | 84.0                         |
| 6PR1 (L2)                     | Identify the value of an unknown term in a table of values   | 100.0            | 85.0                     | 84.2                         |
| 6PR1 (L3)                     | Identify an error in a given table of values   | 90.0             | 89.1                     | 87.9                         |
| 6PR1, 6PR3 (L2)               | Write a mathematical expression for a situation  | 0.0              | 27.2                     | 24.4                         |
| 6PR3 (L2)                     | Represent a pattern rule using a simple mathematical expression  | 30.0             | 58.0                     | 53.5                         |
| 6PR3 (L2)                     | Extend a pattern that is shown on a line graph   | 50.0             | 75.2                     | 75.9                         |
| 6PR4 (L2)                     | Identifying an equivalent equation for a given equation  | 40.0             | 54.8                     | 50.3                         |
| 6PR4 (L2)<br>6PR1, 6PR2 (L2)  | Identifying an equivalent equation for a given model Determine a mathematical expression for a situation and a table of values | 0.0              | 35.6<br>37.7             | 28.9<br>31.9                 |
| Shape and Space               |  | 0.0              | 51.1                     | 51.5                         |
| 6SS1 (L1)                     | Classify a given angle according to its measure  | 70.0             | 84.7                     | 82.5                         |
| 6SS1 (L1)                     | Estimate the measure of an angle   | 60.0             | 86.2                     | 85.9                         |
| 6SS2 (L2)                     | Demonstrate the sum of interior angles of a triangle is 180°   | 80.0             | 76.8                     | 72.7                         |
| 6SS2 (L2)                     | Demonstrate the sum of interior angles of a quadrilateral is 360°  | 60.0             | 75.4                     | 74.4                         |
| 6SS3 (L2)                     | Find the perimeter and area of a given polygon   | 70.0             | 61.9                     | 59.2                         |
| 6SS3 (L1)                     | Find the volume of a given rectangular prism   | 10.0             | 47.6                     | 43.1                         |
| 6SS4 (L1)                     | Identify a given triangle according to its angle measures  | 50.0             | 68.7                     | 63.5                         |
| 6SS5 (L2)                     | Sort a given set of polygons according to given attributes   | 30.0             | 62.2                     | 57.4                         |
| 6SS4, 6SS5 (L1)               | Identify congruent triangles   | 80.0             | 81.8                     | 77.1                         |
| 6SS8 (L1)                     | Identify the coordinates of two given points on a Cartesian plane  | 80.0             | 74.7                     | 68.9                         |
| 6SS6 (L1)                     | Describe the combined transformations performed on a 2-D shape   | 80.0             | 74.7                     | 74.4                         |
| 6SS9 (L1)                     | Describe the single transformation performed on a 2-D shape  | 80.0             | 83.3                     | 80.4                         |
| 6SS7 (L2)                     | Identify the successive transformations performed to create a design   | 60.0             | 71.7                     | 66.2                         |
|                               |  | 0.0              |                          | 00.2                         |

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Source: Division of Evaluation and Research, Department of Education and Early Childhood Development



(Item Analysis: % of content answered correctly)

NLESD - Central Region

School #: 398 Avoca Collegiate, Badger

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| Outcome(s)                       |  | School | Region       | Province     |
|----------------------------------|--|--------|--------------|--------------|
| Cognitive Level                  | Outcome Description  | [N=9]  | [N=847]      | [N=4,875]    |
| Number Concepts                  |  |        |              |              |
| 6N1 (L1)                         | Identify the value of a digit in a given number  | 88.9   | 72.7         | 68.2         |
| 6N1 (L2)                         | Demonstrate an understanding of place value through base ten representations                         | 100.0  | 37.8         | 38.1         |
| 6N5 (L1)                         | Write and interpret ratios comparing part-to-whole   | 88.9   | 63.9         | 59.7         |
| 6N5 (L2)                         | Demonstrate an understanding of equivalent ratios  | 77.8   | 56.5         | 48.4         |
| 6N6 (L1)                         | Demonstrate an understanding of percent as ratio   | 77.8   | 50.7         | 50.0         |
| 6N6 (L3)                         | Demonstrate an understanding of percent as ratio   | 100.0  | 84.4         | 84.1         |
| 6N3 (L2)                         | Distinguish between prime and composite numbers  | 77.8   | 61.2         | 54.8         |
| 6N3 (L2)                         | Determine factors of a given number  | 88.9   | 70.3         | 66.3         |
| 6N4 (L1)                         | Place an improper fraction on a number line  | 55.6   | 46.7         | 38.2         |
| 6N7 (L3)                         | Select integer that best fits description  | 100.0  | 73.5         | 71.9         |
| Number Operations                |  |        |              |              |
| 6N8 (L2)                         | Compute products of whole numbers and decimals   | 100.0  | 86.9         | 83.1         |
| 6N2, 6N8 (L2)                    | Compute quotients of whole numbers and decimals  | 100.0  | 67.0         | 64.5         |
| 6N8 (L3)                         | Place decimal in correct position in a product of whole numbers and decimals                         | 88.9   | 86.9         | 83.8         |
| 6N2, 6N8 (L2)                    | Solve a problem that involves division of decimals   | 100.0  | 71.3         | 71.0         |
| 6N2, 6N8 (L2)                    | Solve a problem that involves multiplication of decimals   | 77.8   | 66.0         | 64.1         |
| 6N2 (L2)                         | Estimate the solution to a subtraction problem   | 88.9   | 56.0         | 53.4         |
|                                  | ·  | 88.9   | 62.7         | 56.7         |
| 6N2 (L3)<br>6N9 (L3)             | Determine number expression represented by base ten blocks   |        |              |              |
| 6N9 (L2)                         | Apply the order of operations to solve a problem<br>Apply the order of operations to solve a problem | 55.6   | 53.5<br>56.1 | 50.1<br>49.7 |
| Patterns and Relations 6PR1 (L2) | Identify the value of an unknown term in a table of values   | 62.5   | 85.0         | 84.2         |
| 6PR1 (L3)                        | Identify an error in a given table of values   | 87.5   | 89.1         | 87.9         |
| 6PR1, 6PR3 (L2)                  | Write a mathematical expression for a situation  | 87.5   | 27.2         | 24.4         |
| 6PR3 (L2)                        | Represent a pattern rule using a simple mathematical expression                                      | 87.5   | 58.0         | 53.5         |
| 6PR3 (L2)                        | Extend a pattern that is shown on a line graph   | 87.5   | 75.2         | 75.9         |
| 6PR4 (L2)                        | Identifying an equivalent equation for a given equation  | 87.5   | 54.8         | 50.3         |
| 6PR4 (L2)                        | Identifying an equivalent equation for a given model   | 75.0   | 35.6         | 28.9         |
| 6PR1, 6PR2 (L2)                  | Determine a mathematical expression for a situation and a table of values                            | 87.5   | 37.7         | 31.9         |
| Shape and Space                  |  |        |              |              |
| 6SS1 (L1)                        | Classify a given angle according to its measure  | 87.5   | 84.7         | 82.5         |
| 6SS1 (L1)                        | Estimate the measure of an angle   | 100.0  | 86.2         | 85.9         |
| 6SS2 (L2)                        | Demonstrate the sum of interior angles of a triangle is 180°   | 87.5   | 76.8         | 72.7         |
| 6SS2 (L2)                        | Demonstrate the sum of interior angles of a quadrilateral is 360°                                    | 75.0   | 75.4         | 74.4         |
| 6SS3 (L2)                        | Find the perimeter and area of a given polygon   | 100.0  | 61.9         | 59.2         |
| 6SS3 (L1)                        | Find the volume of a given rectangular prism   | 87.5   | 47.6         | 43.1         |
| 6SS4 (L1)                        | Identify a given triangle according to its angle measures  | 87.5   | 68.7         | 63.5         |
| 6SS5 (L2)                        | Sort a given set of polygons according to given attributes   | 100.0  | 62.2         | 57.4         |
| 6SS4, 6SS5 (L1)                  | Identify congruent triangles   | 75.0   | 81.8         | 77.1         |
| 6SS8 (L1)                        | Identify the coordinates of two given points on a Cartesian plane                                    | 87.5   | 74.7         | 68.9         |
| 6SS6 (L1)                        | Describe the combined transformations performed on a 2-D shape                                       | 87.5   | 75.9         | 74.4         |
| 6SS9 (L1)                        | Describe the single transformation performed on a 2-D shape  | 87.5   | 83.3         | 80.4         |
| 6SS7 (L2)                        | Identify the successive transformations performed to create a design                                 | 62.5   | 71.7         | 66.2         |
|                                  |  | I      | I            | I            |

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(Item Analysis: % of content answered correctly)

NLESD - Central Region

School #: 400 Helen Tulk Elementary, Bishop's Falls

Grades: K-6

| Outcome(s)<br>Cognitive Level      | Outcome Description  | <b>School</b><br>[N=30] | <b>Region</b><br>[N=847] | <b>Province</b><br>[N=4,875] |
|------------------------------------|--|-------------------------|--------------------------|------------------------------|
| Number Concepts                    |  | [                       |                          |                              |
|                                    | Identify the value of a digit is a given symbol  | 50.0                    | 72.7                     | 68.2                         |
| 6N1 (L1)                           | Identify the value of a digit in a given number  |                         |                          |                              |
| 6N1 (L2)<br>6N5 (L1)               | Demonstrate an understanding of place value through base ten representations<br>Write and interpret ratios comparing part-to-whole | 33.3<br>43.3            | 37.8<br>63.9             | 38.1<br>59.7                 |
| 6N5 (L2)                           | Demonstrate an understanding of equivalent ratios  | 36.7                    | 56.5                     | 48.4                         |
| 6N6 (L1)                           | Demonstrate an understanding of percent as ratio   | 40.0                    | 50.7                     | 50.0                         |
| 6N6 (L3)                           | Demonstrate an understanding of percent as ratio   | 83.3                    | 84.4                     | 84.1                         |
| 6N3 (L2)                           | Distinguish between prime and composite numbers  | 33.3                    | 61.2                     | 54.8                         |
| 6N3 (L2)                           | Determine factors of a given number  | 53.3                    | 70.3                     | 66.3                         |
| 6N4 (L1)                           | Place an improper fraction on a number line  | 30.0                    | 46.7                     | 38.2                         |
| 6N7 (L3)                           | Select integer that best fits description  | 53.3                    | 73.5                     | 71.9                         |
| Number Operations                  |  |                         |                          |                              |
| 6N8 (L2)                           | Compute products of whole numbers and decimals   | 86.7                    | 86.9                     | 83.1                         |
| 6N2, 6N8 (L2)                      | Compute quotients of whole numbers and decimals  | 53.3                    | 67.0                     | 64.5                         |
| 6N8 (L3)                           | Place decimal in correct position in a product of whole numbers and decimals   | 86.7                    | 86.9                     | 83.8                         |
| 6N2, 6N8 (L2)                      | Solve a problem that involves division of decimals   | 76.7                    | 71.3                     | 71.0                         |
| 6N2, 6N8 (L2)                      | Solve a problem that involves multiplication of decimals   | 66.7                    | 66.0                     | 64.1                         |
| 6N2 (L2)                           | Estimate the solution to a subtraction problem   | 50.0                    | 56.0                     | 53.4                         |
| 6N2 (L3)                           | Determine number expression represented by base ten blocks   | 40.0                    | 62.7                     | 56.7                         |
| 6N9 (L3)                           | Apply the order of operations to solve a problem   | 46.7                    | 53.5                     | 50.1                         |
| 6N9 (L2)                           | Apply the order of operations to solve a problem   | 23.3                    | 56.1                     | 49.7                         |
| Patterns and Relations             |  |                         |                          |                              |
| 6PR1 (L2)                          | Identify the value of an unknown term in a table of values   | 76.7                    | 85.0                     | 84.2                         |
| 6PR1 (L3)                          | Identify an error in a given table of values   | 73.3                    | 89.1                     | 87.9                         |
| 6PR1, 6PR3 (L2)                    | Write a mathematical expression for a situation  | 13.3                    | 27.2                     | 24.4                         |
| 6PR3 (L2)                          | Represent a pattern rule using a simple mathematical expression  | 26.7                    | 58.0                     | 53.5                         |
| 6PR3 (L2)                          | Extend a pattern that is shown on a line graph   | 73.3                    | 75.2                     | 75.9                         |
| 6PR4 (L2)                          | Identifying an equivalent equation for a given equation  | 50.0                    | 54.8                     | 50.3                         |
| 6PR4 (L2)                          | Identifying an equivalent equation for a given model   | 20.0                    | 35.6                     | 28.9                         |
| 6PR1, 6PR2 (L2)<br>Shape and Space | Determine a mathematical expression for a situation and a table of values  | 36.7                    | 37.7                     | 31.9                         |
| 6SS1 (L1)                          | Classify a given angle according to its measure  | 56.7                    | 84.7                     | 82.5                         |
| 6SS1 (L1)                          | Estimate the measure of an angle   | 83.3                    | 86.2                     | 85.9                         |
| 6SS2 (L2)                          | Demonstrate the sum of interior angles of a triangle is 180°   |                         |                          | -                            |
| 6SS2 (L2)                          | Demonstrate the sum of interior angles of a quadrilateral is 360°  | 53.3                    | 76.8                     | 72.7                         |
| 6SS3 (L2)                          | Find the perimeter and area of a given polygon   | 43.3                    | 61.9                     | 59.2                         |
| 6SS3 (L1)                          | Find the volume of a given rectangular prism   | 40.0                    | 47.6                     | 43.1                         |
| 6SS4 (L1)                          | Identify a given triangle according to its angle measures  | 60.0                    | 68.7                     | 63.5                         |
| 6SS5 (L2)                          | Sort a given set of polygons according to given attributes   | 70.0                    | 62.2                     | 57.4                         |
|                                    | Identify congruent triangles   | 86.7                    | 81.8                     | 77.1                         |
| 6SS4, 6SS5 (L1)<br>6SS8 (L1)       | Identify the coordinates of two given points on a Cartesian plane  |                         | 74.7                     |                              |
|                                    | Describe the combined transformations performed on a 2-D shape   | 56.7<br>70.0            | 74.7                     | 68.9<br>74.4                 |
| 6SS6 (L1)<br>6SS9 (L1)             | Describe the single transformation performed on a 2-D shape  |                         |                          |                              |
|                                    |  | 86.7                    | 83.3                     | 80.4                         |
| 6SS7 (L2)                          | Identify the successive transformations performed to create a design   | 60.0                    | 71.7                     | 66.2                         |

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Source: Division of Evaluation and Research, Department of Education and Early Childhood Development



(Item Analysis: % of content answered correctly)

NLESD - Central Region

School #: 403 Lakeside Academy, Buchans Grades: K-12

| Cognitive Level  | Outcome Description  | School<br>[N=8]  | <b>Region</b><br>[N=847]   | <b>Provino</b><br>[N=4,87  |
|--|--|--|--|--|
| Number Concepts  |  |  |  |  |
| 6N1 (L1)   | Identify the value of a digit in a given number  | 37.5   | 72.7   | 68.2   |
| 6N1 (L2)   | Demonstrate an understanding of place value through base ten representations   | 12.5   | 37.8   | 38.1   |
| 6N5 (L1)   | Write and interpret ratios comparing part-to-whole   | 50.0   | 63.9   | 59.7   |
| 6N5 (L2)   | Demonstrate an understanding of equivalent ratios  | 12.5   | 56.5   | 48.4   |
| 6N6 (L1)   | Demonstrate an understanding of percent as ratio   | 50.0   | 50.7   | 50.0   |
| 6N6 (L3)   | Demonstrate an understanding of percent as ratio   | 75.0   | 84.4   | 84.1   |
| 6N3 (L2)   | Distinguish between prime and composite numbers  | 37.5   | 61.2   | 54.8   |
| 6N3 (L2)   | Determine factors of a given number  | 62.5   | 70.3   | 66.3   |
| 6N4 (L1)   | Place an improper fraction on a number line  | 37.5   | 46.7   | 38.2   |
| 6N7 (L3)   | Select integer that best fits description  | 75.0   | 73.5   | 71.9   |
| Number Operations  |  |  |  |  |
| 6N8 (L2)   | Compute products of whole numbers and decimals   | 50.0   | 86.9   | 83.1   |
| 6N2, 6N8 (L2)  | Compute quotients of whole numbers and decimals  | 50.0   | 67.0   | 64.5   |
| 6N8 (L3)   | Place decimal in correct position in a product of whole numbers and decimals   | 50.0   | 86.9   | 83.8   |
| 6N2, 6N8 (L2)  | Solve a problem that involves division of decimals   | 50.0   | 71.3   | 71.0   |
| 6N2, 6N8 (L2)  | Solve a problem that involves multiplication of decimals   | 50.0   | 66.0   | 64.1   |
| 6N2 (L2)   | Estimate the solution to a subtraction problem   | 25.0   | 56.0   | 53.4   |
| 6N2 (L3)   | Determine number expression represented by base ten blocks   | 37.5   | 62.7   | 56.7   |
| 6N9 (L3)   | Apply the order of operations to solve a problem   | 50.0   | 53.5   | 50.1   |
| 6N9 (L2)   |  |  |  | 40.7   |
|  | Apply the order of operations to solve a problem   | 50.0   | 56.1   | 49.7   |
|  | Apply the order of operations to solve a problem<br>Identify the value of an unknown term in a table of values   | 62.5   | 56.1<br>85.0   | 49.7<br>84.2   |
| Patterns and Relations   |  |  |  |  |
| Patterns and Relations<br>6PR1 (L2)  | Identify the value of an unknown term in a table of values   | 62.5   | 85.0   | 84.2   |
| Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)   | Identify the value of an unknown term in a table of values<br>Identify an error in a given table of values   | 62.5<br>75.0   | 85.0<br>89.1   | 84.2<br>87.9<br>24.4   |
| Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)  | Identify the value of an unknown term in a table of values<br>Identify an error in a given table of values<br>Write a mathematical expression for a situation  | 62.5<br>75.0<br>25.0   | 85.0<br>89.1<br>27.2   | 84.2<br>87.9<br>24.4<br>53.5   |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression  | 62.5<br>75.0<br>25.0<br>37.5   | 85.0<br>89.1<br>27.2<br>58.0   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9   |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR3 (L2)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph   | 62.5<br>75.0<br>25.0<br>37.5<br>50.0<br>50.0<br>12.5   | 85.0<br>89.1<br>27.2<br>58.0<br>75.2<br>54.8<br>35.6   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9   |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation   | 62.5<br>75.0<br>25.0<br>37.5<br>50.0<br>50.0   | 85.0<br>89.1<br>27.2<br>58.0<br>75.2<br>54.8   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9   |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2) <tr< td=""><td>Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values</td><td>62.5<br/>75.0<br/>25.0<br/>37.5<br/>50.0<br/>50.0<br/>12.5<br/>12.5</td><td>85.0<br/>89.1<br/>27.2<br/>58.0<br/>75.2<br/>54.8<br/>35.6<br/>37.7</td><td>84.2<br/>87.9<br/>24.4<br/>53.5<br/>75.9<br/>50.3<br/>28.9<br/>31.9</td></tr<> | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values  | 62.5<br>75.0<br>25.0<br>37.5<br>50.0<br>50.0<br>12.5<br>12.5   | 85.0<br>89.1<br>27.2<br>58.0<br>75.2<br>54.8<br>35.6<br>37.7   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9   |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)           6PR4 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)           6PR1, 6PR2 (L2)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure  | 62.5<br>75.0<br>25.0<br>37.5<br>50.0<br>50.0<br>12.5<br>12.5<br>50.0   | 85.0<br>89.1<br>27.2<br>58.0<br>75.2<br>54.8<br>35.6<br>37.7<br>84.7   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5   |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)           Shape and Space           6SS1 (L1)           6SS1 (L1)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle   | 62.5<br>75.0<br>25.0<br>37.5<br>50.0<br>50.0<br>12.5<br>12.5<br>50.0<br>50.0<br>50.0   | 85.0<br>89.1<br>27.2<br>58.0<br>75.2<br>54.8<br>35.6<br>37.7<br>84.7<br>86.2   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9   |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)           6PR4 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)           6PR1, 6PR2 (L2)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°  | 62.5<br>75.0<br>25.0<br>37.5<br>50.0<br>50.0<br>12.5<br>12.5<br>50.0<br>50.0<br>50.0<br>50.0   | 85.0<br>89.1<br>27.2<br>58.0<br>75.2<br>54.8<br>35.6<br>37.7<br>84.7<br>86.2<br>76.8   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7   |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)           Shape and Space           6SS1 (L1)           6SS2 (L2)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°  | 62.5<br>75.0<br>25.0<br>37.5<br>50.0<br>50.0<br>12.5<br>12.5<br>50.0<br>50.0<br>50.0<br>50.0<br>50.0   | 85.0<br>89.1<br>27.2<br>58.0<br>75.2<br>54.8<br>35.6<br>37.7<br>84.7<br>84.7<br>86.2<br>76.8<br>75.4   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4   |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)           6SS1 (L1)           6SS2 (L2)           6SS3 (L2)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon   | 62.5<br>75.0<br>25.0<br>37.5<br>50.0<br>50.0<br>12.5<br>12.5<br>50.0<br>50.0<br>50.0<br>50.0<br>50.0<br>50.0<br>50.0   | 85.0<br>89.1<br>27.2<br>58.0<br>75.2<br>54.8<br>35.6<br>37.7<br>84.7<br>86.2<br>76.8<br>75.4<br>61.9   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2   |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6SS1 (L1)           6SS2 (L2)           6SS3 (L1)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°  | 62.5<br>75.0<br>25.0<br>37.5<br>50.0<br>50.0<br>12.5<br>12.5<br>50.0<br>50.0<br>50.0<br>50.0<br>50.0<br>50.0<br>50.0<br>25.0   | 85.0<br>89.1<br>27.2<br>58.0<br>75.2<br>54.8<br>35.6<br>37.7<br>84.7<br>86.2<br>76.8<br>75.4<br>61.9<br>47.6   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1   |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)           Shape and Space           6SS1 (L1)           6SS2 (L2)           6SS3 (L2)           6SS3 (L1)           6SS4 (L1)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures  | 62.5<br>75.0<br>25.0<br>37.5<br>50.0<br>50.0<br>12.5<br>12.5<br>50.0<br>50.0<br>50.0<br>50.0<br>50.0<br>50.0<br>50.0<br>5  | 85.0<br>89.1<br>27.2<br>58.0<br>75.2<br>54.8<br>35.6<br>37.7<br>84.7<br>86.2<br>76.8<br>75.4<br>61.9<br>47.6<br>68.7                                 | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1<br>63.5                                 |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)           Shape and Space           6SS1 (L1)           6SS2 (L2)           6SS3 (L2)           6SS3 (L1)           6SS4 (L1)           6SS5 (L2)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures         Sort a given set of polygons according to given attributes   | 62.5<br>75.0<br>25.0<br>37.5<br>50.0<br>50.0<br>12.5<br>12.5<br>12.5<br>50.0<br>50.0<br>50.0<br>50.0<br>50.0<br>50.0<br>50.0<br>5                                    | 85.0<br>89.1<br>27.2<br>58.0<br>75.2<br>54.8<br>35.6<br>37.7<br>84.7<br>86.2<br>76.8<br>75.4<br>61.9<br>47.6<br>68.7<br>62.2                         | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1<br>63.5<br>57.4                         |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)           Shape and Space           6SS1 (L1)           6SS2 (L2)           6SS3 (L1)           6SS4 (L1)           6SS5 (L2)           6SS5 (L2)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Pind the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures         Sort a given set of polygons according to given attributes         Identify a given triangles  | 62.5<br>75.0<br>25.0<br>37.5<br>50.0<br>50.0<br>12.5<br>12.5<br>50.0<br>50.0<br>50.0<br>50.0<br>50.0<br>50.0<br>50.0<br>5  | 85.0<br>89.1<br>27.2<br>58.0<br>75.2<br>54.8<br>35.6<br>37.7<br>84.7<br>86.2<br>76.8<br>75.4<br>61.9<br>47.6<br>68.7<br>62.2<br>81.8                 | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1<br>63.5<br>57.4<br>77.1                 |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6SS1 (L1)           6SS2 (L2)           6SS3 (L2)           6SS3 (L1)           6SS4 (L1)           6SS4 (L2)           6SS4 (L1)           6SS4 (L1)           6SS4 (L1)           6SS4 (L1)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Pind the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to its angle measures         Sort a given set of polygons according to given attributes         Identify a given set of polygons according to given attributes         Identify congruent triangles         Identify the coordinates of two given points on a Cartesian plane                                      | 62.5<br>75.0<br>25.0<br>37.5<br>50.0<br>50.0<br>12.5<br>12.5<br>50.0<br>50.0<br>50.0<br>50.0<br>50.0<br>50.0<br>50.0<br>5  | 85.0<br>89.1<br>27.2<br>58.0<br>75.2<br>54.8<br>35.6<br>37.7<br>84.7<br>86.2<br>76.8<br>75.4<br>61.9<br>47.6<br>68.7<br>62.2<br>81.8<br>74.7         | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1<br>63.5<br>57.4<br>77.1<br>68.9         |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1 (6PR3 (L2)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6SS1 (L1)           6SS2 (L2)           6SS3 (L1)           6SS4 (L1)           6SS4 (L1)           6SS8 (L1)           6SS6 (L1)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to its angle measures         Sort a given set of polygons according to given attributes         Identify the coordinates of two given points on a Cartesian plane         Describe the combined transformations performed on a 2-D shape | 62.5<br>75.0<br>25.0<br>37.5<br>50.0<br>50.0<br>12.5<br>12.5<br>50.0<br>50.0<br>50.0<br>50.0<br>50.0<br>50.0<br>50.0<br>62.5<br>25.0<br>62.5<br>25.0<br>62.5<br>37.5 | 85.0<br>89.1<br>27.2<br>58.0<br>75.2<br>54.8<br>35.6<br>37.7<br>84.7<br>86.2<br>76.8<br>75.4<br>61.9<br>47.6<br>68.7<br>62.2<br>81.8<br>74.7<br>75.9 | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1<br>63.5<br>57.4<br>77.1<br>68.9<br>74.4 |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6SS1 (L1)           6SS2 (L2)           6SS3 (L2)           6SS3 (L1)           6SS4 (L1)           6SS4 (L2)           6SS4 (L1)           6SS4 (L1)           6SS4 (L1)           6SS4 (L1)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Pind the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to its angle measures         Sort a given set of polygons according to given attributes         Identify a given set of polygons according to given attributes         Identify congruent triangles         Identify the coordinates of two given points on a Cartesian plane                                      | 62.5<br>75.0<br>25.0<br>37.5<br>50.0<br>50.0<br>12.5<br>12.5<br>50.0<br>50.0<br>50.0<br>50.0<br>50.0<br>50.0<br>50.0<br>5  | 85.0<br>89.1<br>27.2<br>58.0<br>75.2<br>54.8<br>35.6<br>37.7<br>84.7<br>86.2<br>76.8<br>75.4<br>61.9<br>47.6<br>68.7<br>62.2<br>81.8<br>74.7         | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1<br>63.5<br>57.4<br>77.1<br>68.9         |



(Item Analysis: % of content answered correctly)

NLESD - Central Region

### School #: 406 Fitzgerald Academy, English Harbour West

| Grades: | K-12 |
|---------|------|
| oraaoo. |      |

| Outcome(s)<br>Cognitive Level   | Outcome Description  | School<br>[N=7]                                | <b>Region</b><br>[N=847]                     | <b>Province</b><br>[N=4,875]                 |
|---|--|--|--|--|
| Number Concepts   |  |  |  |  |
| 6N1 (L1)  | Identify the value of a digit in a given number  | 100.0  | 72.7   | 68.2   |
| 6N1 (L2)  | Demonstrate an understanding of place value through base ten representations   | 42.9   | 37.8   | 38.1   |
| 6N5 (L1)  | Write and interpret ratios comparing part-to-whole   | 100.0  | 63.9   | 59.7   |
| 6N5 (L2)  | Demonstrate an understanding of equivalent ratios  | 100.0  | 56.5   | 48.4   |
| 6N6 (L1)  | Demonstrate an understanding of percent as ratio   | 100.0  | 50.7   | 50.0   |
| 6N6 (L3)  | Demonstrate an understanding of percent as ratio   | 100.0  | 84.4   | 84.1   |
| 6N3 (L2)  | Distinguish between prime and composite numbers  | 100.0  | 61.2   | 54.8   |
| 6N3 (L2)  | Determine factors of a given number  | 85.7   | 70.3   | 66.3   |
| 6N4 (L1)  | Place an improper fraction on a number line  | 100.0  | 46.7   | 38.2   |
| 6N7 (L3)  | Select integer that best fits description  | 100.0  | 73.5   | 71.9   |
| Number Operations   |  |  |  |  |
| 6N8 (L2)  | Compute products of whole numbers and decimals   | 100.0  | 86.9   | 83.1   |
| 6N2, 6N8 (L2)   | Compute quotients of whole numbers and decimals  | 85.7   | 67.0   | 64.5   |
| 6N8 (L3)  | Place decimal in correct position in a product of whole numbers and decimals   | 100.0  | 86.9   | 83.8   |
| 6N2, 6N8 (L2)   | Solve a problem that involves division of decimals   | 85.7   | 71.3   | 71.0   |
| 6N2, 6N8 (L2)   | Solve a problem that involves multiplication of decimals   | 71.4   | 66.0   | 64.1   |
| 6N2 (L2)  | Estimate the solution to a subtraction problem   | 71.4   | 56.0   | 53.4   |
| 6N2 (L3)  | Determine number expression represented by base ten blocks   | 100.0  | 62.7   | 56.7   |
| 6N9 (L3)  | Apply the order of operations to solve a problem   | 85.7   | 53.5   | 50.1   |
| 6N9 (L2)  | Apply the order of operations to solve a problem   | 71.4   | 56.1   | 49.7   |
| Patterns and Relations  |  |  |  |  |
| 6PR1 (L2)   | Identify the value of an unknown term in a table of values   | 71.4   | 85.0   | 84.2   |
| 6PR1 (L3)   | Identify an error in a given table of values   | 100.0  | 89.1   | 87.9   |
| 6PR1, 6PR3 (L2)   | Write a mathematical expression for a situation  | 57.1   | 27.2   | 24.4   |
| 6PR3 (L2)   | Represent a pattern rule using a simple mathematical expression  | 71.4   | 58.0   | 53.5   |
| 6PR3 (L2)   | Extend a pattern that is shown on a line graph   | 71.4   | 75.2   | 75.9   |
| 6PR4 (L2)   | Identifying an equivalent equation for a given equation  | 100.0  | 54.8   | 50.3   |
| 6PR4 (L2)   | Identifying an equivalent equation for a given model   | 71.4   | 35.6   | 28.9   |
| 6PR1, 6PR2 (L2)<br>Shape and Space  | Determine a mathematical expression for a situation and a table of values  | 100.0  | 37.7   | 31.9   |
| 6SS1 (L1)   | Classify a given angle according to its measure  | 85.7   | 84.7   | 82.5   |
| 6SS1 (L1)   | Estimate the measure of an angle   | 100.0  | 86.2   | 85.9   |
| 6SS2 (L2)   | Demonstrate the sum of interior angles of a triangle is 180°   | 100.0  | 76.8   | 72.7   |
| 6SS2 (L2)   | Demonstrate the sum of interior angles of a quadrilateral is 360°  | 100.0  | 75.4   | 74.4   |
|   |  | 100.0  | 10.4   | 74.4   |
|   |  | 71 4   | 61.9   | 59.2   |
| 6SS3 (L2)   | Find the perimeter and area of a given polygon   | 71.4   | 61.9<br>47.6                                 | 59.2<br>43.1                                 |
| 6SS3 (L2)<br>6SS3 (L1)  |  | 85.7   | 47.6   | 43.1   |
| 6SS3 (L2)<br>6SS3 (L1)<br>6SS4 (L1)   | Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures  | 85.7<br>85.7                                   | 47.6<br>68.7                                 | 43.1<br>63.5                                 |
| 6SS3 (L2)<br>6SS3 (L1)<br>6SS4 (L1)<br>6SS5 (L2)  | Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures         Sort a given set of polygons according to given attributes   | 85.7<br>85.7<br>85.7                           | 47.6<br>68.7<br>62.2                         | 43.1<br>63.5<br>57.4                         |
| 6SS3 (L2)<br>6SS3 (L1)<br>6SS4 (L1)<br>6SS5 (L2)<br>6SS4, 6SS5 (L1)                           | Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures         Sort a given set of polygons according to given attributes         Identify congruent triangles  | 85.7<br>85.7<br>85.7<br>100.0                  | 47.6<br>68.7<br>62.2<br>81.8                 | 43.1<br>63.5<br>57.4<br>77.1                 |
| 6SS3 (L2)<br>6SS3 (L1)<br>6SS4 (L1)<br>6SS5 (L2)<br>6SS4, 6SS5 (L1)<br>6SS8 (L1)              | Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures         Sort a given set of polygons according to given attributes         Identify congruent triangles         Identify the coordinates of two given points on a Cartesian plane  | 85.7<br>85.7<br>85.7<br>100.0<br>100.0         | 47.6<br>68.7<br>62.2<br>81.8<br>74.7         | 43.1<br>63.5<br>57.4<br>77.1<br>68.9         |
| 6SS3 (L2)<br>6SS3 (L1)<br>6SS4 (L1)<br>6SS5 (L2)<br>6SS4, 6SS5 (L1)<br>6SS8 (L1)<br>6SS6 (L1) | Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures         Sort a given set of polygons according to given attributes         Identify congruent triangles         Identify the coordinates of two given points on a Cartesian plane         Describe the combined transformations performed on a 2-D shape | 85.7<br>85.7<br>85.7<br>100.0<br>100.0<br>71.4 | 47.6<br>68.7<br>62.2<br>81.8<br>74.7<br>75.9 | 43.1<br>63.5<br>57.4<br>77.1<br>68.9<br>74.4 |
| 6SS3 (L2)<br>6SS3 (L1)<br>6SS4 (L1)<br>6SS5 (L2)<br>6SS4, 6SS5 (L1)<br>6SS8 (L1)              | Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures         Sort a given set of polygons according to given attributes         Identify congruent triangles         Identify the coordinates of two given points on a Cartesian plane  | 85.7<br>85.7<br>85.7<br>100.0<br>100.0         | 47.6<br>68.7<br>62.2<br>81.8<br>74.7         | 43.1<br>63.5<br>57.4<br>77.1<br>68.9         |

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(Item Analysis: % of content answered correctly)

NLESD - Central Region

### School #: 407 Bay d'Espoir Academy, Milltown

| Grades: | K-12 |
|---------|------|
|---------|------|

| Outcome(s)  |  | School   | Region  | Province   |
|---|--|--|---|--|
| Cognitive Level   | Outcome Description  | [N=24]   | [N=847]   | [N=4,875]  |
| Number Concepts   |  |  |   |  |
| 6N1 (L1)  | Identify the value of a digit in a given number  | 69.6   | 72.7  | 68.2   |
| 6N1 (L2)  | Demonstrate an understanding of place value through base ten representations   | 30.4   | 37.8  | 38.1   |
| 6N5 (L1)  | Write and interpret ratios comparing part-to-whole   | 65.2   | 63.9  | 59.7   |
| 6N5 (L2)  | Demonstrate an understanding of equivalent ratios  | 69.6   | 56.5  | 48.4   |
| 6N6 (L1)  | Demonstrate an understanding of percent as ratio   | 60.9   | 50.7  | 50.0   |
| 6N6 (L3)  | Demonstrate an understanding of percent as ratio   | 95.7   | 84.4  | 84.1   |
| 6N3 (L2)  | Distinguish between prime and composite numbers  | 39.1   | 61.2  | 54.8   |
| 6N3 (L2)  | Determine factors of a given number  | 87.0   | 70.3  | 66.3   |
| 6N4 (L1)  | Place an improper fraction on a number line  | 47.8   | 46.7  | 38.2   |
| 6N7 (L3)  | Select integer that best fits description  | 65.2   | 73.5  | 71.9   |
| Number Operations   |  |  |   |  |
| 6N8 (L2)  | Compute products of whole numbers and decimals   | 100.0  | 96.0  | 00.4   |
| 6N2, 6N8 (L2)   | Compute guotients of whole numbers and decimals  | 100.0  | 86.9  | 83.1   |
| 6N8 (L3)  | Place decimal in correct position in a product of whole numbers and decimals   | 78.3   | 67.0<br>86.9  | 64.5<br>83.8   |
| 6N2, 6N8 (L2)   | Solve a problem that involves division of decimals   | 78.3   | 71.3  | 71.0   |
| 6N2, 6N8 (L2)   | •  | 78.3   | 66.0  | 64.1   |
|   | Solve a problem that involves multiplication of decimals   | 52.2   | 56.0  | 53.4   |
| 6N2 (L2)  | Estimate the solution to a subtraction problem   |  |   |  |
| 6N2 (L3)  | Determine number expression represented by base ten blocks   | 52.2   | 62.7  | 56.7   |
| 6N9 (L3)<br>6N9 (L2)  | Apply the order of operations to solve a problem<br>Apply the order of operations to solve a problem   | 52.2<br>65.2   | 53.5<br>56.1  | 50.1<br>49.7   |
| Patterns and Relations<br>6PR1 (L2)   | Identify the value of an unknown term in a table of values   | 95.2   | 85.0  | 84.2   |
| 6PR1 (L3)   | Identify an error in a given table of values   | 90.5   | 89.1  | 87.9   |
| 6PR1, 6PR3 (L2)   | Write a mathematical expression for a situation  | 33.3   | 27.2  | 24.4   |
| 6PR3 (L2)   | Represent a pattern rule using a simple mathematical expression  | 42.9   | 58.0  | 53.5   |
| 6PR3 (L2)   | Extend a pattern that is shown on a line graph   | 95.2   | 75.2  | 75.9   |
| 6PR4 (L2)   | Identifying an equivalent equation for a given equation  | 57.1   | 54.8  | 50.3   |
| 6PR4 (L2)   | Identifying an equivalent equation for a given model   | 19.1   | 35.6  | 28.9   |
| 6PR1, 6PR2 (L2)   | Determine a mathematical expression for a situation and a table of values  | 38.1   | 37.7  | 31.9   |
| Shape and Space   |  |  |   |  |
|   |  |  |   |  |
| 6SS1 (L1)   | Classify a given angle according to its measure  | 95.2   | 84.7  | 82.5   |
| 6SS1 (L1)   | Classify a given angle according to its measure<br>Estimate the measure of an angle  | 95.2<br>90.5   | 86.2  | 85.9   |
| 6SS1 (L1)<br>6SS2 (L2)  | Classify a given angle according to its measure<br>Estimate the measure of an angle<br>Demonstrate the sum of interior angles of a triangle is 180°  | 95.2<br>90.5<br>85.7   | 86.2<br>76.8  | 85.9<br>72.7   |
| 6SS1 (L1)<br>6SS2 (L2)<br>6SS2 (L2)   | Classify a given angle according to its measure<br>Estimate the measure of an angle<br>Demonstrate the sum of interior angles of a triangle is 180°<br>Demonstrate the sum of interior angles of a quadrilateral is 360°   | 95.2<br>90.5<br>85.7<br>85.7   | 86.2<br>76.8<br>75.4  | 85.9<br>72.7<br>74.4   |
| 6SS1 (L1)<br>6SS2 (L2)<br>6SS2 (L2)<br>6SS3 (L2)  | Classify a given angle according to its measure<br>Estimate the measure of an angle<br>Demonstrate the sum of interior angles of a triangle is 180°<br>Demonstrate the sum of interior angles of a quadrilateral is 360°<br>Find the perimeter and area of a given polygon   | 95.2<br>90.5<br>85.7<br>85.7<br>52.4   | 86.2<br>76.8<br>75.4<br>61.9  | 85.9<br>72.7<br>74.4<br>59.2   |
| 6SS1 (L1)           6SS2 (L2)           6SS2 (L2)           6SS3 (L2)           6SS3 (L1)   | Classify a given angle according to its measure<br>Estimate the measure of an angle<br>Demonstrate the sum of interior angles of a triangle is 180°<br>Demonstrate the sum of interior angles of a quadrilateral is 360°<br>Find the perimeter and area of a given polygon<br>Find the volume of a given rectangular prism   | 95.2<br>90.5<br>85.7<br>85.7<br>52.4<br>47.6   | 86.2<br>76.8<br>75.4<br>61.9<br>47.6  | 85.9<br>72.7<br>74.4<br>59.2<br>43.1   |
| 6SS1 (L1)           6SS2 (L2)           6SS2 (L2)           6SS3 (L2)           6SS3 (L1)           6SS4 (L1)   | Classify a given angle according to its measure<br>Estimate the measure of an angle<br>Demonstrate the sum of interior angles of a triangle is 180°<br>Demonstrate the sum of interior angles of a quadrilateral is 360°<br>Find the perimeter and area of a given polygon<br>Find the volume of a given rectangular prism<br>Identify a given triangle according to its angle measures  | 95.2<br>90.5<br>85.7<br>85.7<br>52.4<br>47.6<br>71.4                                 | 86.2<br>76.8<br>75.4<br>61.9<br>47.6<br>68.7  | 85.9<br>72.7<br>74.4<br>59.2<br>43.1<br>63.5   |
| 6SS1 (L1)           6SS2 (L2)           6SS2 (L2)           6SS3 (L2)           6SS3 (L1)           6SS4 (L1)           6SS5 (L2)   | Classify a given angle according to its measure<br>Estimate the measure of an angle<br>Demonstrate the sum of interior angles of a triangle is 180°<br>Demonstrate the sum of interior angles of a quadrilateral is 360°<br>Find the perimeter and area of a given polygon<br>Find the volume of a given rectangular prism<br>Identify a given triangle according to its angle measures<br>Sort a given set of polygons according to given attributes  | 95.2<br>90.5<br>85.7<br>85.7<br>52.4<br>47.6<br>71.4<br>42.9                         | 86.2           76.8           75.4           61.9           47.6           68.7           62.2  | 85.9<br>72.7<br>74.4<br>59.2<br>43.1<br>63.5<br>57.4   |
| 6SS1 (L1)           6SS2 (L2)           6SS3 (L2)           6SS3 (L1)           6SS4 (L1)           6SS5 (L2)           6SS5 (L1)   | Classify a given angle according to its measure<br>Estimate the measure of an angle<br>Demonstrate the sum of interior angles of a triangle is 180°<br>Demonstrate the sum of interior angles of a quadrilateral is 360°<br>Find the perimeter and area of a given polygon<br>Find the volume of a given rectangular prism<br>Identify a given triangle according to its angle measures<br>Sort a given set of polygons according to given attributes<br>Identify congruent triangles  | 95.2<br>90.5<br>85.7<br>85.7<br>52.4<br>47.6<br>71.4<br>42.9<br>90.5                 | 86.2<br>76.8<br>75.4<br>61.9<br>47.6<br>68.7<br>62.2<br>81.8  | 85.9<br>72.7<br>74.4<br>59.2<br>43.1<br>63.5<br>57.4<br>77.1   |
| 6SS1 (L1)           6SS2 (L2)           6SS2 (L2)           6SS3 (L2)           6SS3 (L1)           6SS4 (L1)           6SS5 (L2)           6SS4 (L1)           6SS4 (SS5 (L1))           6SS8 (L1)                     | Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures         Sort a given set of polygons according to given attributes         Identify congruent triangles         Identify the coordinates of two given points on a Cartesian plane                      | 95.2<br>90.5<br>85.7<br>85.7<br>52.4<br>47.6<br>71.4<br>42.9<br>90.5<br>90.5<br>95.2 | 86.2           76.8           75.4           61.9           47.6           68.7           62.2           81.8           74.7                | 85.9           72.7           74.4           59.2           43.1           63.5           57.4           77.1           68.9 |
| 6SS1 (L1)           6SS2 (L2)           6SS2 (L2)           6SS3 (L2)           6SS3 (L1)           6SS4 (L1)           6SS5 (L2)           6SS4 (SS5 (L1))           6SS8 (L1)           6SS8 (L1)           6SS4 (L1) | Classify a given angle according to its measure<br>Estimate the measure of an angle<br>Demonstrate the sum of interior angles of a triangle is 180°<br>Demonstrate the sum of interior angles of a quadrilateral is 360°<br>Find the perimeter and area of a given polygon<br>Find the volume of a given rectangular prism<br>Identify a given triangle according to its angle measures<br>Sort a given set of polygons according to given attributes<br>Identify congruent triangles<br>Identify the coordinates of two given points on a Cartesian plane<br>Describe the combined transformations performed on a 2-D shape | 95.2<br>90.5<br>85.7<br>52.4<br>47.6<br>71.4<br>42.9<br>90.5<br>95.2<br>90.5         | 86.2           76.8           75.4           61.9           47.6           68.7           62.2           81.8           74.7           75.9 | 85.9<br>72.7<br>74.4<br>59.2<br>43.1<br>63.5<br>57.4<br>77.1   |
| 6SS1 (L1)           6SS2 (L2)           6SS3 (L2)           6SS3 (L1)           6SS4 (L1)           6SS5 (L2)           6SS4 (L1)           6SS4 (L1)           6SS4 (L1)   | Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures         Sort a given set of polygons according to given attributes         Identify congruent triangles         Identify the coordinates of two given points on a Cartesian plane                      | 95.2<br>90.5<br>85.7<br>85.7<br>52.4<br>47.6<br>71.4<br>42.9<br>90.5<br>90.5<br>95.2 | 86.2           76.8           75.4           61.9           47.6           68.7           62.2           81.8           74.7                | 85.9           72.7           74.4           59.2           43.1           63.5           57.4           77.1           68.9 |



(Item Analysis: % of content answered correctly)

NLESD - Central Region

### School #: 409 Indian River Academy, Springdale

| Grades: | K-6 |
|---------|-----|
|         |     |

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| Number Concepts           6N1 (L1)           6N1 (L2)           6N5 (L1)           6N5 (L2)           6N6 (L1)           6N6 (L3)           6N3 (L2)           6N3 (L2)           6N4 (L1)           6N7 (L3) | Identify the value of a digit in a given number<br>Demonstrate an understanding of place value through base ten representations<br>Write and interpret ratios comparing part-to-whole<br>Demonstrate an understanding of equivalent ratios<br>Demonstrate an understanding of percent as ratio<br>Demonstrate an understanding of percent as ratio<br>Demonstrate an understanding of percent as ratio<br>Distinguish between prime and composite numbers<br>Determine factors of a given number | 73.8<br>19.1<br>64.3<br>52.4<br>52.4<br>88.1<br>66.7 | 72.7<br>37.8<br>63.9<br>56.5<br>50.7 | 68.2<br>38.1<br>59.7<br>48.4 |
|---|--|--|--------------------------------------|------------------------------|
| 6N1 (L2)<br>6N5 (L1)<br>6N5 (L2)<br>6N6 (L1)<br>6N6 (L3)<br>6N3 (L2)<br>6N3 (L2)<br>6N3 (L2)<br>6N4 (L1)  | Demonstrate an understanding of place value through base ten representations<br>Write and interpret ratios comparing part-to-whole<br>Demonstrate an understanding of equivalent ratios<br>Demonstrate an understanding of percent as ratio<br>Demonstrate an understanding of percent as ratio<br>Distinguish between prime and composite numbers   | 19.1<br>64.3<br>52.4<br>52.4<br>88.1                 | 37.8<br>63.9<br>56.5                 | 38.1<br>59.7                 |
| 6N1 (L2)<br>6N5 (L1)<br>6N5 (L2)<br>6N6 (L1)<br>6N6 (L3)<br>6N3 (L2)<br>6N3 (L2)<br>6N3 (L2)<br>6N4 (L1)  | Demonstrate an understanding of place value through base ten representations<br>Write and interpret ratios comparing part-to-whole<br>Demonstrate an understanding of equivalent ratios<br>Demonstrate an understanding of percent as ratio<br>Demonstrate an understanding of percent as ratio<br>Distinguish between prime and composite numbers   | 64.3<br>52.4<br>52.4<br>88.1                         | 63.9<br>56.5                         | 59.7                         |
| 6N5 (L1)<br>6N5 (L2)<br>6N6 (L1)<br>6N6 (L3)<br>6N3 (L2)<br>6N3 (L2)<br>6N3 (L2)<br>6N4 (L1)  | Write and interpret ratios comparing part-to-whole         Demonstrate an understanding of equivalent ratios         Demonstrate an understanding of percent as ratio         Distinguish between prime and composite numbers                                | 64.3<br>52.4<br>52.4<br>88.1                         | 63.9<br>56.5                         | 59.7                         |
| 6N5 (L2)<br>6N6 (L1)<br>6N6 (L3)<br>6N3 (L2)<br>6N3 (L2)<br>6N4 (L1)  | Demonstrate an understanding of equivalent ratios Demonstrate an understanding of percent as ratio Demonstrate an understanding of percent as ratio Distinguish between prime and composite numbers  | 52.4<br>52.4<br>88.1                                 | 56.5                                 |                              |
| 6N6 (L1)<br>6N6 (L3)<br>6N3 (L2)<br>6N3 (L2)<br>6N4 (L1)  | Demonstrate an understanding of percent as ratio<br>Demonstrate an understanding of percent as ratio<br>Distinguish between prime and composite numbers  | 88.1   | 50.7                                 |                              |
| 6N6 (L3)<br>6N3 (L2)<br>6N3 (L2)<br>6N3 (L2)<br>6N4 (L1)  | Demonstrate an understanding of percent as ratio<br>Distinguish between prime and composite numbers  | 88.1   |                                      | 50.0                         |
| 6N3 (L2)<br>6N3 (L2)<br>6N4 (L1)  | Distinguish between prime and composite numbers  | 66.7   | 84.4                                 | 84.1                         |
| 6N3 (L2)<br>6N4 (L1)  |  | 00.7   | 61.2                                 | 54.8                         |
| . ,   | 0  | 52.4   | 70.3                                 | 66.3                         |
| 6N7 (L3)  | Place an improper fraction on a number line  | 40.5   | 46.7                                 | 38.2                         |
|   | Select integer that best fits description  | 78.6   | 73.5                                 | 71.9                         |
| Number Operations   |  |  |                                      |                              |
| 6N8 (L2)  | Compute products of whole numbers and decimals   | 97.6   | 86.9                                 | 83.1                         |
| 6N2, 6N8 (L2)   | Compute quotients of whole numbers and decimals  | 52.4   | 67.0                                 | 64.5                         |
| 6N8 (L3)  | Place decimal in correct position in a product of whole numbers and decimals   | 90.5   | 86.9                                 | 83.8                         |
| 6N2, 6N8 (L2)   | Solve a problem that involves division of decimals   | 61.9   | 71.3                                 | 71.0                         |
| 6N2, 6N8 (L2)   | Solve a problem that involves multiplication of decimals   | 66.7   | 66.0                                 | 64.1                         |
| 6N2 (L2)  | Estimate the solution to a subtraction problem   | 54.8   | 56.0                                 | 53.4                         |
| 6N2 (L3)  | Determine number expression represented by base ten blocks   | 50.0   | 62.7                                 | 56.7                         |
| 6N9 (L3)  | Apply the order of operations to solve a problem   | 54.8   | 53.5                                 | 50.1                         |
| 6N9 (L2)  | Apply the order of operations to solve a problem   | 45.2   | 56.1                                 | 49.7                         |
| Patterns and Relations  |  |  |                                      |                              |
| 6PR1 (L2)   | Identify the value of an unknown term in a table of values   | 86.1   | 85.0                                 | 84.2                         |
| 6PR1 (L3)   | Identify an error in a given table of values   | 93.0   | 89.1                                 | 87.9                         |
| 6PR1, 6PR3 (L2)   | Write a mathematical expression for a situation  | 18.6   | 27.2                                 | 24.4                         |
| 6PR3 (L2)   | Represent a pattern rule using a simple mathematical expression  | 58.1   | 58.0                                 | 53.5                         |
| 6PR3 (L2)   | Extend a pattern that is shown on a line graph   | 76.7   | 75.2                                 | 75.9                         |
| 6PR4 (L2)   | Identifying an equivalent equation for a given equation  | 55.8   | 54.8                                 | 50.3                         |
| 6PR4 (L2)   | Identifying an equivalent equation for a given model   | 30.2   | 35.6                                 | 28.9                         |
| 6PR1, 6PR2 (L2) Shape and Space   | Determine a mathematical expression for a situation and a table of values  | 23.3   | 37.7                                 | 31.9                         |
|   |  | 01.4   | 04.7                                 | 0.0 5                        |
| 6SS1 (L1)<br>6SS1 (L1)  | Classify a given angle according to its measure  | 81.4   | 84.7                                 | 82.5                         |
|   | Estimate the measure of an angle<br>Demonstrate the sum of interior angles of a triangle is 180°   | 74.4   | 86.2                                 | 85.9                         |
| 6SS2 (L2)<br>6SS2 (L2)  | Demonstrate the sum of interior angles of a quadrilateral is 360°  | 67.4   | 76.8                                 | 72.7                         |
| 6SS3 (L2)   | Find the perimeter and area of a given polygon   | 69.8   | 75.4                                 | 74.4                         |
|   |  | 46.5   | 61.9<br>47.6                         | 59.2<br>43.1                 |
| 6SS3 (L1)   | Find the volume of a given rectangular prism<br>Identify a given triangle according to its angle measures  | 30.2   |                                      |                              |
| 6SS4 (L1)   | Sort a given set of polygons according to given attributes   | 51.2   | 68.7                                 | 63.5                         |
| 6SS5 (L2)   |  | 58.1   | 62.2                                 | 57.4                         |
| 6SS4, 6SS5 (L1)   | Identify congruent triangles   | 76.7   | 81.8                                 | 77.1                         |
| 6SS8 (L1)   | Identify the coordinates of two given points on a Cartesian plane  | 88.4   | 74.7                                 | 68.9                         |
| 6SS6 (L1)   | Describe the combined transformations performed on a 2-D shape   | 76.7   | 75.9                                 | 74.4                         |
| 6SS9 (L1)   | Describe the single transformation performed on a 2-D shape  | 81.4   | 83.3                                 | 80.4                         |
| 6SS7 (L2)   | Identify the successive transformations performed to create a design   | 81.4   | 71.7                                 | 66.2                         |



(Item Analysis: % of content answered correctly)

NLESD - Central Region

### School #: 413 Holy Cross School Complex, Eastport

| Grades: I | K-12 |
|-----------|------|
|-----------|------|

| Outcome(s)                          |  | School   | Region  | Province  |
|-------------------------------------|--|----------|---------|-----------|
| Cognitive Level                     | Outcome Description  | [N=6]    | [N=847] | [N=4,875] |
| Number Concepts                     |  |          |         |           |
| 6N1 (L1)                            | Identify the value of a digit in a given number                              | 50.0     | 72.7    | 68.2      |
| 6N1 (L2)                            | Demonstrate an understanding of place value through base ten representations | 50.0     | 37.8    | 38.1      |
| 6N5 (L1)                            | Write and interpret ratios comparing part-to-whole                           | 66.7     | 63.9    | 59.7      |
| 6N5 (L2)                            | Demonstrate an understanding of equivalent ratios                            | 33.3     | 56.5    | 48.4      |
| 6N6 (L1)                            | Demonstrate an understanding of percent as ratio                             | 66.7     | 50.7    | 50.0      |
| 6N6 (L3)                            | Demonstrate an understanding of percent as ratio                             | 83.3     | 84.4    | 84.1      |
| 6N3 (L2)                            | Distinguish between prime and composite numbers                              | 16.7     | 61.2    | 54.8      |
| 6N3 (L2)                            | Determine factors of a given number  | 33.3     | 70.3    | 66.3      |
| 6N4 (L1)                            | Place an improper fraction on a number line                                  | 33.3     | 46.7    | 38.2      |
| 6N7 (L3)                            | Select integer that best fits description                                    | 33.3     | 73.5    | 71.9      |
| Number Operations                   |  |          |         |           |
| 6N8 (L2)                            | Compute products of whole numbers and decimals                               | 83.3     | 86.9    | 83.1      |
| 6N2, 6N8 (L2)                       | Compute quotients of whole numbers and decimals                              | 33.3     | 67.0    | 64.5      |
| 6N8 (L3)                            | Place decimal in correct position in a product of whole numbers and decimals | 66.7     | 86.9    | 83.8      |
| 6N2, 6N8 (L2)                       | Solve a problem that involves division of decimals                           | 66.7     | 71.3    | 71.0      |
| 6N2, 6N8 (L2)                       | Solve a problem that involves multiplication of decimals                     | 50.0     | 66.0    | 64.1      |
| 6N2 (L2)                            | Estimate the solution to a subtraction problem                               | 66.7     | 56.0    | 53.4      |
| 6N2 (L3)                            | Determine number expression represented by base ten blocks                   | 66.7     | 62.7    | 56.7      |
| 6N9 (L3)                            | Apply the order of operations to solve a problem                             | 33.3     | 53.5    | 50.1      |
| 6N9 (L2)                            | Apply the order of operations to solve a problem                             | 0.0      | 56.1    | 49.7      |
| Patterns and Relations<br>6PR1 (L2) | Identify the value of an unknown term in a table of values                   | 66.7     | 85.0    | 84.2      |
| 6PR1 (L3)                           | Identify an error in a given table of values                                 | 100.0    | 89.1    | 87.9      |
| 6PR1, 6PR3 (L2)                     | Write a mathematical expression for a situation                              | 50.0     | 27.2    | 24.4      |
| 6PR3 (L2)                           | Represent a pattern rule using a simple mathematical expression              | 33.3     | 58.0    | 53.5      |
| 6PR3 (L2)                           | Extend a pattern that is shown on a line graph                               | 100.0    | 75.2    | 75.9      |
| 6PR4 (L2)                           | Identifying an equivalent equation for a given equation                      | 0.0      | 54.8    | 50.3      |
| 6PR4 (L2)                           | Identifying an equivalent equation for a given model                         | 33.3     | 35.6    | 28.9      |
| 6PR1, 6PR2 (L2)                     | Determine a mathematical expression for a situation and a table of values    | 0.0      | 37.7    | 31.9      |
| Shape and Space                     |  |          |         |           |
| 6SS1 (L1)                           | Classify a given angle according to its measure                              | 83.3     | 84.7    | 82.5      |
| 6SS1 (L1)                           | Estimate the measure of an angle   | 83.3     | 86.2    | 85.9      |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a triangle is 180°                 | 66.7     | 76.8    | 72.7      |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a quadrilateral is 360°            | 50.0     | 75.4    | 74.4      |
| 6SS3 (L2)                           | Find the perimeter and area of a given polygon                               | 66.7     | 61.9    | 59.2      |
| 6SS3 (L1)                           | Find the volume of a given rectangular prism                                 | 50.0     | 47.6    | 43.1      |
| 6SS4 (L1)                           | Identify a given triangle according to its angle measures                    | 50.0     | 68.7    | 63.5      |
| 6SS5 (L2)                           | Sort a given set of polygons according to given attributes                   | 33.3     | 62.2    | 57.4      |
| 6SS4, 6SS5 (L1)                     | Identify congruent triangles   | 66.7     | 81.8    | 77.1      |
| 6SS8 (L1)                           | Identify the coordinates of two given points on a Cartesian plane            | 33.3     | 74.7    | 68.9      |
| 6SS6 (L1)                           | Describe the combined transformations performed on a 2-D shape               | 83.3     | 75.9    | 74.4      |
| 6SS9 (L1)                           | Describe the single transformation performed on a 2-D shape                  | 100.0    | 83.3    | 80.4      |
| 6SS7 (L2)                           | Identify the successive transformations performed to create a design         | 83.3     | 71.7    | 66.2      |
|                                     |  | <u> </u> | 1       | 1         |

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(Item Analysis: % of content answered correctly)

### NLESD - Central Region

School #: 414 Fogo Island Central Academy, Fogo Island

| Grades: | K-12 |
|---------|------|
|---------|------|

| Outcome(s)<br>Cognitive Level       | Outcome Description  | <b>School</b><br>[N=22] | <b>Region</b><br>[N=847] | <b>Province</b><br>[N=4,875] |
|-------------------------------------|--|-------------------------|--------------------------|------------------------------|
|                                     |  |                         |                          | [11=4,075]                   |
| Number Concepts                     |  |                         |                          |                              |
| 6N1 (L1)                            | Identify the value of a digit in a given number  | 68.2                    | 72.7                     | 68.2                         |
| 6N1 (L2)                            | Demonstrate an understanding of place value through base ten representations                                   | 36.4                    | 37.8                     | 38.1                         |
| 6N5 (L1)                            | Write and interpret ratios comparing part-to-whole   | 45.5                    | 63.9                     | 59.7                         |
| 6N5 (L2)                            | Demonstrate an understanding of equivalent ratios  | 36.4                    | 56.5                     | 48.4                         |
| 6N6 (L1)                            | Demonstrate an understanding of percent as ratio   | 45.5                    | 50.7                     | 50.0                         |
| 6N6 (L3)                            | Demonstrate an understanding of percent as ratio   | 81.8                    | 84.4                     | 84.1                         |
| 6N3 (L2)                            | Distinguish between prime and composite numbers  | 63.6                    | 61.2                     | 54.8                         |
| 6N3 (L2)                            | Determine factors of a given number  | 72.7                    | 70.3                     | 66.3                         |
| 6N4 (L1)                            | Place an improper fraction on a number line  | 18.2                    | 46.7                     | 38.2                         |
| 6N7 (L3)                            | Select integer that best fits description  | 77.3                    | 73.5                     | 71.9                         |
| Number Operations                   |  |                         |                          |                              |
| 6N8 (L2)                            | Compute products of whole numbers and decimals   | 95.5                    | 86.9                     | 83.1                         |
| 6N2, 6N8 (L2)                       | Compute quotients of whole numbers and decimals  | 68.2                    | 67.0                     | 64.5                         |
| 6N8 (L3)                            | Place decimal in correct position in a product of whole numbers and decimals                                   | 90.9                    | 86.9                     | 83.8                         |
| 6N2, 6N8 (L2)                       | Solve a problem that involves division of decimals   | 72.7                    | 71.3                     | 71.0                         |
| 6N2, 6N8 (L2)                       | Solve a problem that involves multiplication of decimals   | 63.6                    | 66.0                     | 64.1                         |
| 6N2 (L2)                            | Estimate the solution to a subtraction problem   | 54.6                    | 56.0                     | 53.4                         |
| 6N2 (L3)                            | Determine number expression represented by base ten blocks   | 77.3                    | 62.7                     | 56.7                         |
| 6N9 (L3)                            | Apply the order of operations to solve a problem   | 59.1                    | 53.5                     | 50.1                         |
| 6N9 (L2)                            | Apply the order of operations to solve a problem   | 68.2                    | 56.1                     | 49.7                         |
| Patterns and Relations<br>6PR1 (L2) | Identify the value of an unknown term in a table of values   | 86.4                    | 85.0                     | 84.2                         |
| 6PR1 (L3)                           | Identify an error in a given table of values   | 95.5                    | 89.1                     | 87.9                         |
| 6PR1, 6PR3 (L2)                     | Write a mathematical expression for a situation  | 45.5                    | 27.2                     | 24.4                         |
|                                     |  | 40.9                    | 58.0                     | 53.5                         |
| 6PR3 (L2)<br>6PR3 (L2)              | Represent a pattern rule using a simple mathematical expression Extend a pattern that is shown on a line graph | 72.7                    | 75.2                     | 75.9                         |
| 6PR4 (L2)                           | Identifying an equivalent equation for a given equation  | 54.6                    | 54.8                     | 50.3                         |
| 6PR4 (L2)                           | Identifying an equivalent equation for a given model   | 59.1                    | 35.6                     | 28.9                         |
| 6PR1, 6PR2 (L2)                     | Determine a mathematical expression for a situation and a table of values                                      | 59.1                    | 37.7                     | 31.9                         |
| Shape and Space                     |  |                         |                          |                              |
| 6SS1 (L1)                           | Classify a given angle according to its measure  | 77.3                    | 84.7                     | 82.5                         |
| 6SS1 (L1)                           | Estimate the measure of an angle   | 86.4                    | 86.2                     | 85.9                         |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a triangle is 180°   | 90.9                    | 76.8                     | 72.7                         |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a quadrilateral is 360°  | 86.4                    | 75.4                     | 74.4                         |
| 6SS3 (L2)                           | Find the perimeter and area of a given polygon   | 63.6                    | 61.9                     | 59.2                         |
| 6SS3 (L1)                           | Find the volume of a given rectangular prism   | 50.0                    | 47.6                     | 43.1                         |
| 6SS4 (L1)                           | Identify a given triangle according to its angle measures  | 45.5                    | 68.7                     | 63.5                         |
| 6SS5 (L2)                           | Sort a given set of polygons according to given attributes   | 54.6                    | 62.2                     | 57.4                         |
| 6SS4, 6SS5 (L1)                     | Identify congruent triangles   | 77.3                    | 81.8                     | 77.1                         |
| 6SS8 (L1)                           | Identify the coordinates of two given points on a Cartesian plane  | 77.3                    | 74.7                     | 68.9                         |
| 6SS6 (L1)                           | Describe the combined transformations performed on a 2-D shape   | 72.7                    | 75.9                     | 74.4                         |
| 6SS9 (L1)                           | Describe the single transformation performed on a 2-D shape  | 81.8                    | 83.3                     | 80.4                         |
| 6SS7 (L2)                           | Identify the successive transformations performed to create a design   | 68.2                    | 71.7                     | 66.2                         |
|                                     |  |                         |                          |                              |

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Source: Division of Evaluation and Research, Department of Education and Early Childhood Development



(Item Analysis: % of content answered correctly)

NLESD - Central Region

School #: 416 Smallwood Academy, Gambo Grades: K-12

| Outcome(s)<br>Cognitive Level       | Outcome Description   | School<br>[N=16] | <b>Region</b><br>[N=847] | <b>Province</b><br>[N=4,875] |
|-------------------------------------|---|------------------|--------------------------|------------------------------|
| Number Concepts                     |   |                  |                          |                              |
| 6N1 (L1)                            | Identify the value of a digit in a given number   | 56.3             | 72.7                     | 68.2                         |
| 6N1 (L2)                            | Demonstrate an understanding of place value through base ten representations                              | 50.0             | 37.8                     | 38.1                         |
| 6N5 (L1)                            | Write and interpret ratios comparing part-to-whole  | 50.0             | 63.9                     | 59.7                         |
| 6N5 (L2)                            | Demonstrate an understanding of equivalent ratios   | 37.5             | 56.5                     | 48.4                         |
| 6N6 (L1)                            | Demonstrate an understanding of percent as ratio  | 37.5             | 50.7                     | 50.0                         |
| 6N6 (L3)                            | Demonstrate an understanding of percent as ratio  | 75.0             | 84.4                     | 84.1                         |
| 6N3 (L2)                            | Distinguish between prime and composite numbers   | 50.0             | 61.2                     | 54.8                         |
| 6N3 (L2)                            | Determine factors of a given number   | 56.3             | 70.3                     | 66.3                         |
| 6N4 (L1)                            | Place an improper fraction on a number line   | 12.5             | 46.7                     | 38.2                         |
| 6N7 (L3)                            | Select integer that best fits description   | 62.5             | 73.5                     | 71.9                         |
| Number Operations                   |   |                  |                          |                              |
| 6N8 (L2)                            | Compute products of whole numbers and decimals  | 62.5             | 86.9                     | 83.1                         |
| 6N2, 6N8 (L2)                       | Compute quotients of whole numbers and decimals   | 56.3             | 67.0                     | 64.5                         |
| 6N8 (L3)                            | Place decimal in correct position in a product of whole numbers and decimals                              | 81.3             | 86.9                     | 83.8                         |
| 6N2, 6N8 (L2)                       | Solve a problem that involves division of decimals  | 62.5             | 71.3                     | 71.0                         |
| 6N2, 6N8 (L2)                       | Solve a problem that involves multiplication of decimals  | 43.8             | 66.0                     | 64.1                         |
| 6N2 (L2)                            | Estimate the solution to a subtraction problem  | 50.0             | 56.0                     | 53.4                         |
| 6N2 (L3)                            | Determine number expression represented by base ten blocks  | 50.0             | 62.7                     | 56.7                         |
| 6N9 (L3)                            | Apply the order of operations to solve a problem  | 75.0             | 53.5                     | 50.1                         |
| 6N9 (L2)                            | Apply the order of operations to solve a problem  | 43.8             | 56.1                     | 49.7                         |
| Patterns and Relations<br>6PR1 (L2) | Identify the value of an unknown term in a table of values  | 56.3             | 85.0                     | 84.2                         |
| 6PR1 (L3)                           | Identify an error in a given table of values  | 93.8             | 89.1                     | 87.9                         |
|                                     |   |                  |                          |                              |
| 6PR1, 6PR3 (L2)                     | Write a mathematical expression for a situation   | 12.5             | 27.2                     | 24.4                         |
| 6PR3 (L2)                           | Represent a pattern rule using a simple mathematical expression   | 18.8<br>56.3     | 58.0<br>75.2             | 53.5<br>75.9                 |
| 6PR3 (L2)<br>6PR4 (L2)              | Extend a pattern that is shown on a line graph<br>Identifying an equivalent equation for a given equation | 31.3             | 54.8                     | 50.3                         |
| 6PR4 (L2)                           | Identifying an equivalent equation for a given model  | 12.5             | 35.6                     | 28.9                         |
| 6PR1, 6PR2 (L2)                     | Determine a mathematical expression for a situation and a table of values                                 | 6.3              | 37.7                     | 31.9                         |
| Shape and Space                     |   |                  |                          |                              |
| 6SS1 (L1)                           | Classify a given angle according to its measure   | 81.3             | 84.7                     | 82.5                         |
| 6SS1 (L1)                           | Estimate the measure of an angle  | 100.0            | 86.2                     | 85.9                         |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a triangle is 180°  | 50.0             | 76.8                     | 72.7                         |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a quadrilateral is 360°   | 50.0             | 75.4                     | 74.4                         |
| 6SS3 (L2)                           | Find the perimeter and area of a given polygon  | 56.3             | 61.9                     | 59.2                         |
| 6SS3 (L1)                           | Find the volume of a given rectangular prism  | 25.0             | 47.6                     | 43.1                         |
| 6SS4 (L1)                           | Identify a given triangle according to its angle measures   | 68.8             | 68.7                     | 63.5                         |
| 6SS5 (L2)                           | Sort a given set of polygons according to given attributes  | 43.8             | 62.2                     | 57.4                         |
| 6SS4, 6SS5 (L1)                     | Identify congruent triangles  | 75.0             | 81.8                     | 77.1                         |
| 6SS8 (L1)                           | Identify the coordinates of two given points on a Cartesian plane   | 68.8             | 74.7                     | 68.9                         |
| 6SS6 (L1)                           | Describe the combined transformations performed on a 2-D shape  | 68.8             | 75.9                     | 74.4                         |
| 6SS9 (L1)                           | Describe the single transformation performed on a 2-D shape   | 62.5             | 83.3                     | 80.4                         |
|                                     | Identify the successive transformations performed to create a design                                      |                  |                          |                              |
| 6SS7 (L2)                           |   | 62.5             | 71.7                     | 66.2                         |
|                                     |   |                  |                          |                              |

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Source: Division of Evaluation and Research, Department of Education and Early Childhood Development

Mushuau Innu Natuashish and Peenamin McKenzie School are excluded from district and provincial results. L1 - Knowledge / Comprehension; L2 - Application; L3 - Analysis



(Item Analysis: % of content answered correctly)

NLESD - Central Region

School #: 417 Gander Academy, Gander Grades: K-6

| Outcome(s)<br>Cognitive Level | Outcome Description  | <b>School</b><br>[N=150] | <b>Region</b><br>[N=847] | <b>Province</b><br>[N=4,875] |
|-------------------------------|--|--------------------------|--------------------------|------------------------------|
| Number Concepts               |  |                          |                          |                              |
| 6N1 (L1)                      | Identify the value of a digit in a given number                              | 84.5                     | 72.7                     | 68.2                         |
| 6N1 (L2)                      | Demonstrate an understanding of place value through base ten representations | 38.5                     | 37.8                     | 38.1                         |
| 6N5 (L1)                      | Write and interpret ratios comparing part-to-whole                           | 77.7                     | 63.9                     | 59.7                         |
| 6N5 (L2)                      | Demonstrate an understanding of equivalent ratios                            | 69.6                     | 56.5                     | 48.4                         |
| 6N6 (L1)                      | Demonstrate an understanding of percent as ratio                             | 58.1                     | 50.7                     | 50.0                         |
| 6N6 (L3)                      | Demonstrate an understanding of percent as ratio                             | 83.8                     | 84.4                     | 84.1                         |
| 6N3 (L2)                      | Distinguish between prime and composite numbers                              | 68.2                     | 61.2                     | 54.8                         |
| 6N3 (L2)                      | Determine factors of a given number  | 77.0                     | 70.3                     | 66.3                         |
| 6N4 (L1)                      | Place an improper fraction on a number line                                  | 60.8                     | 46.7                     | 38.2                         |
| 6N7 (L3)                      | Select integer that best fits description                                    | 83.1                     | 73.5                     | 71.9                         |
| Number Operations             |  |                          |                          |                              |
| 6N8 (L2)                      | Compute products of whole numbers and decimals                               | 96.5                     | 86.9                     | 83.1                         |
| 6N2, 6N8 (L2)                 | Compute quotients of whole numbers and decimals                              | 81.9                     | 67.0                     | 64.5                         |
| 6N8 (L3)                      | Place decimal in correct position in a product of whole numbers and decimals | 91.7                     | 86.9                     | 83.8                         |
| 6N2, 6N8 (L2)                 | Solve a problem that involves division of decimals                           | 83.3                     | 71.3                     | 71.0                         |
| 6N2, 6N8 (L2)                 | Solve a problem that involves multiplication of decimals                     | 65.3                     | 66.0                     | 64.1                         |
| 6N2 (L2)                      | Estimate the solution to a subtraction problem                               | 69.4                     | 56.0                     | 53.4                         |
| 6N2 (L3)                      | Determine number expression represented by base ten blocks                   | 72.2                     | 62.7                     | 56.7                         |
| 6N9 (L3)                      | Apply the order of operations to solve a problem                             | 64.6                     | 53.5                     | 50.1                         |
| 6N9 (L2)                      | Apply the order of operations to solve a problem                             | 69.4                     | 56.1                     | 49.7                         |
| Patterns and Relations        |  |                          |                          |                              |
| 6PR1 (L2)                     | Identify the value of an unknown term in a table of values                   | 90.2                     | 85.0                     | 84.2                         |
| 6PR1 (L3)                     | Identify an error in a given table of values                                 | 89.5                     | 89.1                     | 87.9                         |
| 6PR1, 6PR3 (L2)               | Write a mathematical expression for a situation                              | 25.2                     | 27.2                     | 24.4                         |
| 6PR3 (L2)                     | Represent a pattern rule using a simple mathematical expression              | 61.5                     | 58.0                     | 53.5                         |
| 6PR3 (L2)                     | Extend a pattern that is shown on a line graph                               | 74.1                     | 75.2                     | 75.9                         |
| 6PR4 (L2)                     | Identifying an equivalent equation for a given equation                      | 62.9                     | 54.8                     | 50.3                         |
| 6PR4 (L2)                     | Identifying an equivalent equation for a given model                         | 53.2                     | 35.6                     | 28.9                         |
| 6PR1, 6PR2 (L2)               | Determine a mathematical expression for a situation and a table of values    | 46.2                     | 37.7                     | 31.9                         |
| Shape and Space               |  |                          |                          |                              |
| 6SS1 (L1)                     | Classify a given angle according to its measure                              | 89.4                     | 84.7                     | 82.5                         |
| 6SS1 (L1)                     | Estimate the measure of an angle   | 88.7                     | 86.2                     | 85.9                         |
| 6SS2 (L2)                     | Demonstrate the sum of interior angles of a triangle is 180°                 | 84.5                     | 76.8                     | 72.7                         |
| 6SS2 (L2)                     | Demonstrate the sum of interior angles of a quadrilateral is 360°            | 80.3                     | 75.4                     | 74.4                         |
| 6SS3 (L2)                     | Find the perimeter and area of a given polygon                               | 71.1                     | 61.9                     | 59.2                         |
| 6SS3 (L1)                     | Find the volume of a given rectangular prism                                 | 52.8                     | 47.6                     | 43.1                         |
| 6SS4 (L1)                     | Identify a given triangle according to its angle measures                    | 79.6                     | 68.7                     | 63.5                         |
| 6SS5 (L2)                     | Sort a given set of polygons according to given attributes                   | 62.7                     | 62.2                     | 57.4                         |
| 6SS4, 6SS5 (L1)               | Identify congruent triangles   | 88.7                     | 81.8                     | 77.1                         |
| 6SS8 (L1)                     | Identify the coordinates of two given points on a Cartesian plane            | 73.2                     | 74.7                     | 68.9                         |
| 6SS6 (L1)                     | Describe the combined transformations performed on a 2-D shape               | 82.4                     | 75.9                     | 74.4                         |
| 6SS9 (L1)                     | Describe the single transformation performed on a 2-D shape                  | 89.4                     | 83.3                     | 80.4                         |
| 6SS7 (L2)                     | Identify the successive transformations performed to create a design         | 71.1                     | 71.7                     | 66.2                         |

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Source: Division of Evaluation and Research, Department of Education and Early Childhood Development



(Item Analysis: % of content answered correctly)

NLESD - Central Region

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| School #: 421<br>Grades: K-12 | Lakewood Academy, Glenwood   |        |         |
|-------------------------------|--|--------|---------|
|                               |  | School | Region  |
| Outcome(s)<br>Cognitive Level | Outcome Description  | [N=18] | [N=847] |
|                               |  |        | 1       |
| Number Concepts               |  |        |         |
| 6N1 (L1)                      | Identify the value of a digit in a given number                              | 88.2   | 72.7    |
| 6N1 (L2)                      | Demonstrate an understanding of place value through base ten representations | 35.3   | 37.8    |
| 6N5 (L1)                      | Write and interpret ratios comparing part-to-whole                           | 64.7   | 63.9    |
| 6N5 (L2)                      | Demonstrate an understanding of equivalent ratios                            | 52.9   | 56.5    |
| 6N6 (L1)                      | Demonstrate an understanding of percent as ratio                             | 58.8   | 50.7    |
| 6N6 (L3)                      | Demonstrate an understanding of percent as ratio                             | 94.1   | 84.4    |
| 6N3 (L2)                      | Distinguish between prime and composite numbers                              | 58.8   | 61.2    |
| 6N3 (L2)                      | Determine factors of a given number  | 47.1   | 70.3    |
| 6N4 (L1)                      | Place an improper fraction on a number line                                  | 41.2   | 46.7    |
| 6N7 (L3)                      | Select integer that best fits description                                    | 64.7   | 73.5    |
| Number Operation              | <u>15</u>  |        |         |
| 6N8 (L2)                      | Compute products of whole numbers and decimals                               | 94.1   | 86.9    |
| 6N2, 6N8 (L2)                 | Compute quotients of whole numbers and decimals                              | 58.8   | 67.0    |
| 6N8 (L3)                      | Place decimal in correct position in a product of whole numbers and decimals | 76.5   | 86.9    |
| 6N2, 6N8 (L2)                 | Solve a problem that involves division of decimals                           | 76.5   | 71.3    |
| 6N2, 6N8 (L2)                 | Solve a problem that involves multiplication of decimals                     | 52.9   | 66.0    |
| 6N2 (L2)                      | Estimate the solution to a subtraction problem                               | 47.1   | 56.0    |
| 6N2 (L3)                      | Determine number expression represented by base ten blocks                   | 64.7   | 62.7    |
| 6N9 (L3)                      | Apply the order of operations to solve a problem                             | 58.8   | 53.5    |
| 6N9 (L2)                      | Apply the order of operations to solve a problem                             | 58.8   | 56.1    |
| Patterns and Relat            | <u>tions</u>   |        |         |
| 6PR1 (L2)                     | Identify the value of an unknown term in a table of values                   | 87.5   | 85.0    |
| 6PR1 (L3)                     | Identify an error in a given table of values                                 | 93.8   | 89.1    |
| 6PR1, 6PR3 (L2)               | Write a mathematical expression for a situation                              | 31.3   | 27.2    |
| 6PR3 (L2)                     | Represent a pattern rule using a simple mathematical expression              | 43.8   | 58.0    |
| 6PR3 (L2)                     | Extend a pattern that is shown on a line graph                               | 68.8   | 75.2    |
| 6PR4 (L2)                     | Identifying an equivalent equation for a given equation                      | 25.0   | 54.8    |
| 6PR4 (L2)                     | Identifying an equivalent equation for a given model                         | 37.5   | 35.6    |
| 6PR1, 6PR2 (L2)               | Determine a mathematical expression for a situation and a table of values    | 31.3   | 37.7    |
| Shape and Space               |  |        |         |
| 6SS1 (L1)                     | Classify a given angle according to its measure                              | 100.0  | 84.7    |
| 6SS1 (L1)                     | Estimate the measure of an angle   | 93.8   | 86.2    |

82.5 85.9 Estimate the measure of an angle SS1 (L1) 93.8 86.2 6SS2 (L2) Demonstrate the sum of interior angles of a triangle is 180° 76.8 72.7 75.0 6SS2 (L2) Demonstrate the sum of interior angles of a quadrilateral is 360° 93.8 75.4 74.4 6SS3 (L2) Find the perimeter and area of a given polygon 68.8 61.9 59.2 6SS3 (L1) 56.3 47.6 43.1 Find the volume of a given rectangular prism Identify a given triangle according to its angle measures 6SS4 (L1) 31.3 68.7 63.5 Sort a given set of polygons according to given attributes 6SS5 (L2) 68.8 62.2 57.4 Identify congruent triangles 75.0 81.8 77.1 6SS4, 6SS5 (L1) Identify the coordinates of two given points on a Cartesian plane 6SS8 (L1) 81.3 74.7 68.9 6SS6 (L1) Describe the combined transformations performed on a 2-D shape 62.5 75.9 74.4 6SS9 (L1) Describe the single transformation performed on a 2-D shape 68.8 83.3 80.4 6SS7 (L2) Identify the successive transformations performed to create a design 56.3 71.7 66.2

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Source: Division of Evaluation and Research, Department of Education and Early Childhood Development Mushuau Innu Natuashish and Peenamin McKenzie School are excluded from district and provincial results.

12/5/2014 9:54:50AM Province [N=4,875]

> 68.2 38.1 59.7 48.4 50.0 84.1 54.8 66.3 38.2 71.9

> 83.1 64.5 83.8 71.0 64.1 53.4 56.7 50.1 49.7

> 84.2 87.9 24.4 53.5 75.9 50.3 28.9 31.9



(Item Analysis: % of content answered correctly)

NLESD - Central Region

### School #: 422 Glovertown Academy, Glovertown

| Grades: | K-12 |
|---------|------|
|         |      |

| Outcome(s)                          |  | School | Region  | Province  |
|-------------------------------------|--|--------|---------|-----------|
| Cognitive Level                     | Outcome Description  | [N=25] | [N=847] | [N=4,875] |
| Number Concepts                     |  |        |         |           |
| 6N1 (L1)                            | Identify the value of a digit in a given number                              | 73.9   | 72.7    | 68.2      |
| 6N1 (L2)                            | Demonstrate an understanding of place value through base ten representations | 21.7   | 37.8    | 38.1      |
| 6N5 (L1)                            | Write and interpret ratios comparing part-to-whole                           | 60.9   | 63.9    | 59.7      |
| 6N5 (L2)                            | Demonstrate an understanding of equivalent ratios                            | 47.8   | 56.5    | 48.4      |
| 6N6 (L1)                            | Demonstrate an understanding of percent as ratio                             | 43.5   | 50.7    | 50.0      |
| 6N6 (L3)                            | Demonstrate an understanding of percent as ratio                             | 91.3   | 84.4    | 84.1      |
| 6N3 (L2)                            | Distinguish between prime and composite numbers                              | 13.0   | 61.2    | 54.8      |
| 6N3 (L2)                            | Determine factors of a given number  | 47.8   | 70.3    | 66.3      |
| 6N4 (L1)                            | Place an improper fraction on a number line                                  | 17.4   | 46.7    | 38.2      |
| 6N7 (L3)                            | Select integer that best fits description                                    | 82.6   | 73.5    | 71.9      |
| Number Operations                   |  |        |         |           |
| 6N8 (L2)                            | Compute products of whole numbers and decimals                               | 54.6   | 86.9    | 83.1      |
| 6N2, 6N8 (L2)                       | Compute quotients of whole numbers and decimals                              | 36.4   | 67.0    | 64.5      |
| 6N8 (L3)                            | Place decimal in correct position in a product of whole numbers and decimals | 95.5   | 86.9    | 83.8      |
| 6N2, 6N8 (L2)                       | Solve a problem that involves division of decimals                           | 40.9   | 71.3    | 71.0      |
| 6N2, 6N8 (L2)                       | Solve a problem that involves multiplication of decimals                     | 54.6   | 66.0    | 64.1      |
| 6N2 (L2)                            | Estimate the solution to a subtraction problem                               | 40.9   | 56.0    | 53.4      |
| 6N2 (L3)                            | Determine number expression represented by base ten blocks                   | 59.1   | 62.7    | 56.7      |
| 6N9 (L3)                            | Apply the order of operations to solve a problem                             | 36.4   | 53.5    | 50.1      |
| 6N9 (L2)                            | Apply the order of operations to solve a problem                             | 31.8   | 56.1    | 49.7      |
| Patterns and Relations<br>6PR1 (L2) | Identify the value of an unknown term in a table of values                   | 72.7   | 85.0    | 84.2      |
| 6PR1 (L3)                           | Identify an error in a given table of values                                 | 100.0  | 89.1    | 87.9      |
| 6PR1, 6PR3 (L2)                     | Write a mathematical expression for a situation                              | 9.1    | 27.2    | 24.4      |
| 6PR3 (L2)                           | Represent a pattern rule using a simple mathematical expression              | 45.5   | 58.0    | 53.5      |
| 6PR3 (L2)                           | Extend a pattern that is shown on a line graph                               | 54.6   | 75.2    | 75.9      |
| 6PR4 (L2)                           | Identifying an equivalent equation for a given equation                      | 40.9   | 54.8    | 50.3      |
| 6PR4 (L2)                           | Identifying an equivalent equation for a given model                         | 27.3   | 35.6    | 28.9      |
| 6PR1, 6PR2 (L2)                     | Determine a mathematical expression for a situation and a table of values    | 18.2   | 37.7    | 31.9      |
| Shape and Space                     |  |        |         |           |
| 6SS1 (L1)                           | Classify a given angle according to its measure                              | 81.8   | 84.7    | 82.5      |
| 6SS1 (L1)                           | Estimate the measure of an angle   | 100.0  | 86.2    | 85.9      |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a triangle is 180°                 | 95.5   | 76.8    | 72.7      |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a quadrilateral is 360°            | 77.3   | 75.4    | 74.4      |
| 6SS3 (L2)                           | Find the perimeter and area of a given polygon                               | 40.9   | 61.9    | 59.2      |
| 6SS3 (L1)                           | Find the volume of a given rectangular prism                                 | 31.8   | 47.6    | 43.1      |
| 6SS4 (L1)                           | Identify a given triangle according to its angle measures                    | 77.3   | 68.7    | 63.5      |
| 6SS5 (L2)                           | Sort a given set of polygons according to given attributes                   | 68.2   | 62.2    | 57.4      |
| 6SS4, 6SS5 (L1)                     | Identify congruent triangles   | 81.8   | 81.8    | 77.1      |
| 6SS8 (L1)                           | Identify the coordinates of two given points on a Cartesian plane            | 50.0   | 74.7    | 68.9      |
| 6SS6 (L1)                           | Describe the combined transformations performed on a 2-D shape               | 77.3   | 75.9    | 74.4      |
| 6SS9 (L1)                           | Describe the single transformation performed on a 2-D shape                  | 68.2   | 83.3    | 80.4      |
| 6SS7 (L2)                           | Identify the successive transformations performed to create a design         | 72.7   | 71.7    | 66.2      |
|                                     | · · · ·  | 12.1   | ''''    | 00.2      |

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Source: Division of Evaluation and Research, Department of Education and Early Childhood Development



(Item Analysis: % of content answered correctly)

NLESD - Central Region

School #: 426 Hillview Academy, Norris Arm

| Grades: K | -9 |
|-----------|----|
|-----------|----|

| Outcome(s)                         |   | School | Region       | Province     |
|------------------------------------|---|--------|--------------|--------------|
| Cognitive Level                    | Outcome Description   | [N=10] | [N=847]      | [N=4,875]    |
| Number Concepts                    |   |        |              |              |
| 6N1 (L1)                           | Identify the value of a digit in a given number   | 50.0   | 72.7         | 68.2         |
| 6N1 (L2)                           | Demonstrate an understanding of place value through base ten representations  | 10.0   | 37.8         | 38.1         |
| 6N5 (L1)                           | Write and interpret ratios comparing part-to-whole  | 40.0   | 63.9         | 59.7         |
| 6N5 (L2)                           | Demonstrate an understanding of equivalent ratios   | 40.0   | 56.5         | 48.4         |
| 6N6 (L1)                           | Demonstrate an understanding of percent as ratio  | 40.0   | 50.7         | 50.0         |
| 6N6 (L3)                           | Demonstrate an understanding of percent as ratio  | 80.0   | 84.4         | 84.1         |
| 6N3 (L2)                           | Distinguish between prime and composite numbers   | 60.0   | 61.2         | 54.8         |
| 6N3 (L2)                           | Determine factors of a given number   | 60.0   | 70.3         | 66.3         |
| 6N4 (L1)                           | Place an improper fraction on a number line   | 10.0   | 46.7         | 38.2         |
| 6N7 (L3)                           | Select integer that best fits description   | 60.0   | 73.5         | 71.9         |
| Number Operations                  |   |        |              |              |
| 6N8 (L2)                           | Compute products of whole numbers and decimals  | 55.6   | 86.9         | 83.1         |
| 6N2, 6N8 (L2)                      | Compute quotients of whole numbers and decimals   | 55.6   | 67.0         | 64.5         |
| 6N8 (L3)                           | Place decimal in correct position in a product of whole numbers and decimals  | 88.9   | 86.9         | 83.8         |
| 6N2, 6N8 (L2)                      | Solve a problem that involves division of decimals  | 77.8   | 71.3         | 71.0         |
| 6N2, 6N8 (L2)                      | Solve a problem that involves multiplication of decimals  | 44.4   | 66.0         | 64.1         |
| 6N2 (L2)                           | Estimate the solution to a subtraction problem  | 33.3   | 56.0         | 53.4         |
| 6N2 (L3)                           | Determine number expression represented by base ten blocks  | 55.6   | 62.7         | 56.7         |
| 6N9 (L3)                           | Apply the order of operations to solve a problem  | 77.8   | 53.5         | 50.1         |
| 6N9 (L2)                           | Apply the order of operations to solve a problem  | 22.2   | 56.1         | 49.7         |
| Patterns and Relations             |   |        |              |              |
| 6PR1 (L2)                          | Identify the value of an unknown term in a table of values  | 70.0   | 85.0         | 84.2         |
| 6PR1 (L3)                          | Identify an error in a given table of values  | 80.0   | 89.1         | 87.9         |
| 6PR1, 6PR3 (L2)                    | Write a mathematical expression for a situation   | 0.0    | 27.2         | 24.4         |
| 6PR3 (L2)                          | Represent a pattern rule using a simple mathematical expression   | 50.0   | 58.0         | 53.5         |
| 6PR3 (L2)                          | Extend a pattern that is shown on a line graph  | 70.0   | 75.2         | 75.9         |
| 6PR4 (L2)                          | Identifying an equivalent equation for a given equation   | 40.0   | 54.8         | 50.3         |
| 6PR4 (L2)                          | Identifying an equivalent equation for a given model  | 40.0   | 35.6         | 28.9         |
| 6PR1, 6PR2 (L2)<br>Shape and Space | Determine a mathematical expression for a situation and a table of values   | 10.0   | 37.7         | 31.9         |
|                                    | Cleasify a siven angle according to its macrours  | 00.0   | 947          | 82 5         |
| 6SS1 (L1)<br>6SS1 (L1)             | Classify a given angle according to its measure Estimate the measure of an angle  | 80.0   | 84.7<br>86.2 | 82.5<br>85.9 |
| 6SS2 (L2)                          | Demonstrate the sum of interior angles of a triangle is 180°  | 70.0   | 76.8         | 72.7         |
| 6SS2 (L2)                          | Demonstrate the sum of interior angles of a quadrilateral is 360°   | 80.0   | 75.4         | 74.4         |
| 6SS3 (L2)                          | Find the perimeter and area of a given polygon  | 50.0   | 61.9         | 59.2         |
| 6SS3 (L1)                          | Find the volume of a given rectangular prism  | 10.0   | 47.6         | 43.1         |
| 6SS4 (L1)                          | Identify a given triangle according to its angle measures   | 30.0   | 68.7         | 63.5         |
| 6SS5 (L2)                          | Sort a given set of polygons according to given attributes  | 80.0   | 62.2         | 57.4         |
| 6SS4, 6SS5 (L1)                    | Identify congruent triangles  | 80.0   | 81.8         | 77.1         |
| 6SS8 (L1)                          | Identify the coordinates of two given points on a Cartesian plane   | 80.0   | 74.7         | 68.9         |
| 6SS6 (L1)                          | Describe the combined transformations performed on a 2-D shape  | 60.0   | 74.7         | 74.4         |
| 6SS9 (L1)                          |   | 00.0   | 10.8         | , 4.4        |
| 3000 (11)                          |   | 00.0   | 00.0         | 00.4         |
| 6SS7 (L2)                          | Describe the single transformation performed on a 2-D shape<br>Identify the successive transformations performed to create a design | 80.0   | 83.3<br>71.7 | 80.4<br>66.2 |

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(Item Analysis: % of content answered correctly)

### NLESD - Central Region

School #: 478 New World Island Academy, Summerford

| Grades: K-12 |
|--------------|
|--------------|

| Outcome(s)<br>Cognitive Level   | Outcome Description  | School<br>[N=26]   | <b>Region</b><br>[N=847]   | <b>Province</b><br>[N=4,875]   |
|---|--|--|--|--|
| Number Concepts   |  |  |  |  |
| 6N1 (L1)  | Identify the value of a digit in a given number  | 34.6   | 72.7   | 68.2   |
| 6N1 (L2)  | Demonstrate an understanding of place value through base ten representations   | 26.9   | 37.8   | 38.1   |
| 6N5 (L1)  | Write and interpret ratios comparing part-to-whole   | 42.3   | 63.9   | 59.7   |
| 6N5 (L2)  | Demonstrate an understanding of equivalent ratios  | 50.0   | 56.5   | 48.4   |
| 6N6 (L1)  | Demonstrate an understanding of percent as ratio   | 30.8   | 50.7   | 50.0   |
| 6N6 (L3)  | Demonstrate an understanding of percent as ratio   | 73.1   | 84.4   | 84.1   |
| 6N3 (L2)  | Distinguish between prime and composite numbers  | 38.5   | 61.2   | 54.8   |
| 6N3 (L2)  | Determine factors of a given number  | 42.3   | 70.3   | 66.3   |
| 6N4 (L1)  | Place an improper fraction on a number line  | 26.9   | 46.7   | 38.2   |
| 6N7 (L3)  | Select integer that best fits description  | 53.9   | 73.5   | 71.9   |
| Number Operations   |  |  |  |  |
| 6N8 (L2)  | Compute products of whole numbers and decimals   | 79.2   | 86.9   | 83.1   |
| 6N2, 6N8 (L2)   | Compute quotients of whole numbers and decimals  | 41.7   | 67.0   | 64.5   |
| 6N8 (L3)  | Place decimal in correct position in a product of whole numbers and decimals   | 75.0   | 86.9   | 83.8   |
| 6N2, 6N8 (L2)   | Solve a problem that involves division of decimals   | 45.8   | 71.3   | 71.0   |
| 6N2, 6N8 (L2)   | Solve a problem that involves multiplication of decimals   | 66.7   | 66.0   | 64.1   |
| 6N2 (L2)  | Estimate the solution to a subtraction problem   | 45.8   | 56.0   | 53.4   |
| 6N2 (1.2)   | Determine number expression represented by base ten blocks   | 50.0   | 62.7   | 56.7   |
| ONZ(L3)   |  |  | +  | 50.4   |
| 6N2 (L3)<br>6N9 (L3)  |  | 33.3   | 53.5   | 50.1   |
| 6N9 (L3)<br>6N9 (L2)  | Apply the order of operations to solve a problem<br>Apply the order of operations to solve a problem   | <u>33.3</u><br>58.3  | 53.5<br>56.1   | 49.7   |
| 6N9 (L3)  | Apply the order of operations to solve a problem<br>Apply the order of operations to solve a problem   |  |  |  |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations  | Apply the order of operations to solve a problem<br>Apply the order of operations to solve a problem   | 58.3   | 56.1   | 49.7   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)   | Apply the order of operations to solve a problem         Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values   | 58.3<br>88.0   | 56.1<br>85.0   | 49.7<br>84.2   |
| 6N9 (L3)<br>6N9 (L2)<br><b>Patterns and Relations</b><br>6PR1 (L2)<br>6PR1 (L3)   | Apply the order of operations to solve a problem         Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values  | 58.3           88.0           88.0   | 56.1<br>85.0<br>89.1   | 49.7<br>84.2<br>87.9   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)   | Apply the order of operations to solve a problem         Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation  | 58.3<br>88.0<br>88.0<br>16.0   | 56.1<br>85.0<br>89.1<br>27.2   | 49.7<br>84.2<br>87.9<br>24.4   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)  | Apply the order of operations to solve a problem         Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression  | 58.3           88.0           88.0           16.0           48.0   | 56.1           85.0           89.1           27.2           58.0   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)  | Apply the order of operations to solve a problem         Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph   | 58.3           88.0           88.0           16.0           48.0           72.0           44.0           16.0  | 56.1<br>85.0<br>89.1<br>27.2<br>58.0<br>75.2<br>54.8<br>35.6   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)  | Apply the order of operations to solve a problem         Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation   | 58.3           88.0           88.0           16.0           48.0           72.0           44.0   | 56.1           85.0           89.1           27.2           58.0           75.2           54.8   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)  | Apply the order of operations to solve a problem         Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given model  | 58.3           88.0           88.0           16.0           48.0           72.0           44.0           16.0  | 56.1<br>85.0<br>89.1<br>27.2<br>58.0<br>75.2<br>54.8<br>35.6   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>Shape and Space  | Apply the order of operations to solve a problem         Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values  | 58.3<br>58.3<br>88.0<br>88.0<br>16.0<br>48.0<br>72.0<br>44.0<br>16.0<br>8.0  | 56.1           85.0           89.1           27.2           58.0           75.2           54.8           35.6           37.7   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>Shape and Space<br>6SS1 (L1)  | Apply the order of operations to solve a problem         Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values  | 58.3<br>58.3<br>88.0<br>88.0<br>16.0<br>48.0<br>72.0<br>44.0<br>16.0<br>8.0<br>68.0  | 56.1           85.0           89.1           27.2           58.0           75.2           54.8           35.6           37.7           84.7  | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1 (L3)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>Shape and Space<br>6SS1 (L1)<br>6SS1 (L1)   | Apply the order of operations to solve a problem         Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle   | 58.3           88.0           88.0           16.0           48.0           72.0           44.0           16.0           8.0           68.0           76.0  | 56.1           85.0           89.1           27.2           58.0           75.2           54.8           35.6           37.7           84.7           86.2   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1 (L3)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>Shape and Space<br>6SS1 (L1)<br>6SS2 (L2)   | Apply the order of operations to solve a problem         Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°  | 58.3           88.0           88.0           16.0           48.0           72.0           44.0           16.0           68.0           68.0           76.0           52.0  | 56.1           85.0           89.1           27.2           58.0           75.2           54.8           35.6           37.7           84.7           86.2           76.8  | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1 (L3)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>Shape and Space<br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS2 (L2)  | Apply the order of operations to solve a problem         Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°  | 58.3           88.0           88.0           16.0           48.0           72.0           44.0           16.0           8.0           68.0           68.0           68.0           68.0           68.0           68.0           68.0           68.0           60.0   | 56.1           85.0           89.1           27.2           58.0           75.2           54.8           35.6           37.7           84.7           86.2           76.8           75.4   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 ( | Apply the order of operations to solve a problem         Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon   | 58.3<br>58.3<br>88.0<br>88.0<br>16.0<br>48.0<br>72.0<br>44.0<br>16.0<br>8.0<br>68.0<br>68.0<br>76.0<br>52.0<br>60.0<br>28.0  | 56.1           85.0           89.1           27.2           58.0           75.2           54.8           35.6           37.7           84.7           86.2           76.8           75.4           61.9  | 49.7           84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2  |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br><b>Shape and Space</b><br>6SS1 (L1)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L1)   | Apply the order of operations to solve a problem         Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism  | 58.3<br>58.3<br>88.0<br>88.0<br>16.0<br>48.0<br>72.0<br>44.0<br>16.0<br>8.0<br>68.0<br>68.0<br>68.0<br>52.0<br>60.0<br>28.0<br>40.0  | 56.1           85.0           89.1           27.2           58.0           75.2           54.8           35.6           37.7           84.7           86.2           76.8           75.4           61.9           47.6   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1 (L3)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>Shape and Space<br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L1)<br>6SS4 (L1)<br>6SS5 (L2)   | Apply the order of operations to solve a problem         Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures  | 58.3<br>58.3<br>88.0<br>88.0<br>16.0<br>48.0<br>72.0<br>44.0<br>16.0<br>8.0<br>68.0<br>68.0<br>68.0<br>52.0<br>60.0<br>28.0<br>40.0<br>28.0  | 56.1           85.0           89.1           27.2           58.0           75.2           54.8           35.6           37.7           84.7           86.2           76.8           75.4           61.9           47.6           68.7  | 49.7           84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5  |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1 (L3)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)    | Apply the order of operations to solve a problem         Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures         Sort a given set of polygons according to given attributes   | 58.3           88.0           88.0           16.0           48.0           72.0           44.0           16.0           8.0           68.0           68.0           68.0           68.0           68.0           68.0           68.0           68.0           28.0           40.0           28.0           56.0           56.0 | 56.1           85.0           89.1           27.2           58.0           75.2           54.8           35.6           37.7           84.7           86.2           76.8           75.4           61.9           47.6           68.7           62.2                               | 49.7           84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5           57.4           77.1                |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS2 (L2)<br>6SS3 (L1)<br>6SS4 (L1)<br>6SS5 (L2)<br>6SS4 (L1)<br>6SS8 (L1)  | Apply the order of operations to solve a problem         Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given stording to its angle measures         Sort a given set of polygons according to given attributes         Identify the coordinates of two given points on a Cartesian plane | 58.3           88.0           88.0           16.0           48.0           72.0           44.0           16.0           8.0           68.0           68.0           68.0           68.0           68.0           200           60.0           28.0           40.0           28.0           56.0           56.0           56.0  | 56.1           85.0           89.1           27.2           58.0           75.2           54.8           35.6           37.7           84.7           86.2           76.8           75.4           61.9           47.6           68.7           62.2           81.8           74.7 | 49.7           84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5           57.4           77.1           68.9 |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1 (L3)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)    | Apply the order of operations to solve a problem         Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Pind the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures         Sort a given set of polygons according to given attributes         Identify congruent triangles  | 58.3           88.0           88.0           16.0           48.0           72.0           44.0           16.0           8.0           68.0           68.0           68.0           68.0           68.0           68.0           68.0           68.0           28.0           40.0           28.0           56.0           56.0 | 56.1           85.0           89.1           27.2           58.0           75.2           54.8           35.6           37.7           84.7           86.2           76.8           75.4           61.9           47.6           68.7           62.2           81.8                | 49.7           84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5           57.4           77.1                |

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Source: Division of Evaluation and Research, Department of Education and Early Childhood Development



(Item Analysis: % of content answered correctly)

### NLESD - Eastern Region

School #: 213 Lake Academy, Fortune

| Outcome(s)<br>Cognitive Level       | Outcome Description  | School<br>[N=31] | <b>Region</b><br>[N=2,877] | <b>Province</b><br>[N=4,875] |
|-------------------------------------|--|------------------|----------------------------|------------------------------|
| Number Concepts                     |  |                  |                            |                              |
| 6N1 (L1)                            | Identify the value of a digit in a given number                              | 66.7             | 67.5                       | 68.2                         |
| 6N1 (L2)                            | Demonstrate an understanding of place value through base ten representations | 20.0             | 37.4                       | 38.1                         |
| 6N5 (L1)                            | Write and interpret ratios comparing part-to-whole                           | 33.3             | 59.6                       | 59.7                         |
| 6N5 (L2)                            | Demonstrate an understanding of equivalent ratios                            | 30.0             | 46.6                       | 48.4                         |
| 6N6 (L1)                            | Demonstrate an understanding of percent as ratio                             | 26.7             | 50.2                       | 50.0                         |
| 6N6 (L3)                            | Demonstrate an understanding of percent as ratio                             | 80.0             | 84.4                       | 84.1                         |
| 6N3 (L2)                            | Distinguish between prime and composite numbers                              | 40.0             | 52.9                       | 54.8                         |
| 6N3 (L2)                            | Determine factors of a given number  | 66.7             | 64.7                       | 66.3                         |
| 6N4 (L1)                            | Place an improper fraction on a number line                                  | 53.3             | 36.8                       | 38.2                         |
| 6N7 (L3)                            | Select integer that best fits description                                    | 56.7             | 72.3                       | 71.9                         |
| Number Operations                   |  |                  |                            |                              |
| 6N8 (L2)                            | Compute products of whole numbers and decimals                               | 74.2             | 81.9                       | 83.1                         |
| 6N2, 6N8 (L2)                       | Compute quotients of whole numbers and decimals                              | 54.8             | 63.5                       | 64.5                         |
| 6N8 (L3)                            | Place decimal in correct position in a product of whole numbers and decimals | 77.4             | 83.0                       | 83.8                         |
| 6N2, 6N8 (L2)                       | Solve a problem that involves division of decimals                           | 67.7             | 70.8                       | 71.0                         |
| 6N2, 6N8 (L2)                       | Solve a problem that involves multiplication of decimals                     | 64.5             | 64.0                       | 64.1                         |
| 6N2 (L2)                            | Estimate the solution to a subtraction problem                               | 61.3             | 53.6                       | 53.4                         |
| 6N2 (L3)                            | Determine number expression represented by base ten blocks                   | 54.8             | 55.7                       | 56.7                         |
| 6N9 (L3)                            | Apply the order of operations to solve a problem                             | 19.4             | 48.9                       | 50.1                         |
| 6N9 (L2)                            | Apply the order of operations to solve a problem                             | 16.1             | 48.4                       | 49.7                         |
| Patterns and Relations<br>6PR1 (L2) | Identify the value of an unknown term in a table of values                   | 83.9             | 84.0                       | 84.2                         |
| 6PR1 (L3)                           | Identify an error in a given table of values                                 | 87.1             | 87.9                       | 87.9                         |
| 6PR1, 6PR3 (L2)                     | Write a mathematical expression for a situation                              | 45.2             | 23.3                       | 24.4                         |
| 6PR3 (L2)                           | Represent a pattern rule using a simple mathematical expression              | 32.3             | 51.2                       | 53.5                         |
| 6PR3 (L2)                           | Extend a pattern that is shown on a line graph                               | 67.7             | 76.2                       | 75.9                         |
| 6PR4 (L2)                           | Identifying an equivalent equation for a given equation                      | 48.4             | 50.0                       | 50.3                         |
| 6PR4 (L2)                           | Identifying an equivalent equation for a given model                         | 16.1             | 28.4                       | 28.9                         |
| 6PR1, 6PR2 (L2)                     | Determine a mathematical expression for a situation and a table of values    | 12.9             | 29.4                       | 31.9                         |
| Shape and Space                     |  |                  |                            |                              |
| 6SS1 (L1)                           | Classify a given angle according to its measure                              | 64.5             | 82.1                       | 82.5                         |
| 6SS1 (L1)                           | Estimate the measure of an angle   | 77.4             | 85.8                       | 85.9                         |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a triangle is 180°                 | 77.4             | 72.0                       | 72.7                         |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a quadrilateral is 360°            | 45.2             | 74.5                       | 74.4                         |
| 6SS3 (L2)                           | Find the perimeter and area of a given polygon                               | 48.4             | 58.4                       | 59.2                         |
| 6SS3 (L1)                           | Find the volume of a given rectangular prism                                 | 51.6             | 41.8                       | 43.1                         |
| 6SS4 (L1)                           | Identify a given triangle according to its angle measures                    | 58.1             | 62.2                       | 63.5                         |
| 6SS5 (L2)                           | Sort a given set of polygons according to given attributes                   | 41.9             | 56.3                       | 57.4                         |
| 6SS4, 6SS5 (L1)                     | Identify congruent triangles   | 71.0             | 75.1                       | 77.1                         |
| 6SS8 (L1)                           | Identify the coordinates of two given points on a Cartesian plane            | 45.2             | 67.4                       | 68.9                         |
| 6SS6 (L1)                           | Describe the combined transformations performed on a 2-D shape               | 64.5             | 73.7                       | 74.4                         |
| 6SS9 (L1)                           | Describe the single transformation performed on a 2-D shape                  | 71.0             | 79.5                       | 80.4                         |
| 6SS7 (L2)                           | Identify the successive transformations performed to create a design         | 45.2             | 64.7                       | 66.2                         |
|                                     | · · · · · · · · · · · · · · · · · · ·  | I                |                            |                              |

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Source: Division of Evaluation and Research, Department of Education and Early Childhood Development



(Item Analysis: % of content answered correctly)

### NLESD - Eastern Region

### School #: 218 St. Joseph's Academy, Lamaline

Grades: K-12

| Outcome(s)<br>Cognitive Level             | Outcome Description  | School<br>[N=3]                             | <b>Region</b><br>[N=2,877] | <b>Province</b><br>[N=4,875] |
|---|--|---|----------------------------|------------------------------|
| Number Concepts                           |  |   |                            |                              |
| 6N1 (L1)                                  | Identify the value of a digit in a given number                              |   | 67.5                       | 68.2                         |
| 6N1 (L2)                                  | Demonstrate an understanding of place value through base ten representations | School data                                 | 37.4                       | 38.1                         |
| 6N5 (L1)                                  | Write and interpret ratios comparing part-to-whole                           | with 5 or                                   | 59.6                       | 59.7                         |
| 6N5 (L2)                                  | Demonstrate an understanding of equivalent ratios                            | fewer                                       | 46.6                       | 48.4                         |
| 6N6 (L1)                                  | Demonstrate an understanding of percent as ratio                             | students                                    | 50.2                       | 50.0                         |
| 6N6 (L3)                                  | Demonstrate an understanding of percent as ratio                             | withheld for                                | 84.4                       | 84.1                         |
| 6N3 (L2)                                  | Distinguish between prime and composite numbers                              | <pre> reasons of<br/> confidentiality</pre> | 52.9                       | 54.8                         |
| 6N3 (L2)                                  | Determine factors of a given number  |   | 64.7                       | 66.3                         |
| 6N4 (L1)                                  | Place an improper fraction on a number line                                  |   | 36.8                       | 38.2                         |
| 6N7 (L3)                                  | Select integer that best fits description                                    |   | 72.3                       | 71.9                         |
| Number Operations                         |  |   |                            |                              |
| 6N8 (L2)                                  | Compute products of whole numbers and decimals                               |   | 81.9                       | 83.1                         |
| 6N2, 6N8 (L2)                             | Compute quotients of whole numbers and decimals                              |   | 63.5                       | 64.5                         |
| 6N8 (L3)                                  | Place decimal in correct position in a product of whole numbers and decimals |   | 83.0                       | 83.8                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves division of decimals                           |   | 70.8                       | 71.0                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves multiplication of decimals                     |   | 64.0                       | 64.1                         |
| 6N2 (L2)                                  | Estimate the solution to a subtraction problem                               |   | 53.6                       | 53.4                         |
| 6N2 (L3)                                  | Determine number expression represented by base ten blocks                   |   | 55.7                       | 56.7                         |
| 6N9 (L3)                                  | Apply the order of operations to solve a problem                             |   | 48.9                       | 50.1                         |
| 6N9 (L2)                                  | Apply the order of operations to solve a problem                             |   | 48.4                       | 49.7                         |
| Patterns and Relations                    |  |   |                            |                              |
| 6PR1 (L2)                                 | Identify the value of an unknown term in a table of values                   |   | 84.0                       | 84.2                         |
| 6PR1 (L3)                                 | Identify an error in a given table of values                                 |   | 87.9                       | 87.9                         |
| 6PR1, 6PR3 (L2)                           | Write a mathematical expression for a situation                              |   | 23.3                       | 24.4                         |
| 6PR3 (L2)                                 | Represent a pattern rule using a simple mathematical expression              |   | 51.2                       | 53.5                         |
| 6PR3 (L2)                                 | Extend a pattern that is shown on a line graph                               |   | 76.2                       | 75.9                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given equation                      |   | 50.0                       | 50.3                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given model                         |   | 28.4                       | 28.9                         |
| 6PR1, 6PR2 (L2)<br><u>Shape and Space</u> | Determine a mathematical expression for a situation and a table of values    |   | 29.4                       | 31.9                         |
| 6SS1 (L1)                                 | Classify a given angle according to its measure                              |   | 82.1                       | 82.5                         |
| 6SS1 (L1)                                 | Estimate the measure of an angle   |   | 85.8                       | 85.9                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a triangle is 180°                 |   | 72.0                       | 72.7                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a quadrilateral is 360°            |   | 74.5                       | 74.4                         |
| 6SS3 (L2)                                 | Find the perimeter and area of a given polygon                               | 66.7  | 58.4                       | 59.2                         |
| 6SS3 (L1)                                 | Find the volume of a given rectangular prism                                 | 33.3  | 41.8                       | 43.1                         |
| 6SS4 (L1)                                 | Identify a given triangle according to its angle measures                    | 33.3  | 62.2                       | 63.5                         |
| 6SS5 (L2)                                 | Sort a given set of polygons according to given attributes                   | 66.7  | 56.3                       | 57.4                         |
| 6SS4, 6SS5 (L1)                           | Identify congruent triangles   | 66.7  | 75.1                       | 77.1                         |
| 6SS8 (L1)                                 | Identify the coordinates of two given points on a Cartesian plane            | 33.3  | 67.4                       | 68.9                         |
| 6SS6 (L1)                                 | Describe the combined transformations performed on a 2-D shape               | 100.0                                       | 73.7                       | 74.4                         |
| 6SS9 (L1)                                 | Describe the single transformation performed on a 2-D shape                  | 100.0                                       | 79.5                       | 80.4                         |
| 6SS7 (L2)                                 | Identify the successive transformations performed to create a design         | 100.0                                       | 64.7                       | 66.2                         |
|   |  | 100.0                                       | 04.7                       | 00.2                         |

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(Item Analysis: % of content answered correctly)

### NLESD - Eastern Region

### School #: 220 Sacred Heart Academy, Marystown

Grades: K-7

| Outcome(s)<br>Cognitive Level      | Outcome Description  | School<br>[N=57] | <b>Region</b><br>[N=2,877] | <b>Province</b><br>[N=4,875] |
|------------------------------------|--|------------------|----------------------------|------------------------------|
| Number Concepts                    |  |                  |                            |                              |
| 6N1 (L1)                           | Identify the value of a digit in a given number                                  | 62.8             | 67.5                       | 68.2                         |
| 6N1 (L2)                           | Demonstrate an understanding of place value through base ten representations     | 19.6             | 37.4                       | 38.1                         |
| 6N5 (L1)                           | Write and interpret ratios comparing part-to-whole                               | 51.0             | 59.6                       | 59.7                         |
| 6N5 (L2)                           | Demonstrate an understanding of equivalent ratios                                | 43.1             | 46.6                       | 48.4                         |
| 6N6 (L1)                           | Demonstrate an understanding of percent as ratio                                 | 52.9             | 50.2                       | 50.0                         |
| 6N6 (L3)                           | Demonstrate an understanding of percent as ratio                                 | 86.3             | 84.4                       | 84.1                         |
| 6N3 (L2)                           | Distinguish between prime and composite numbers                                  | 41.2             | 52.9                       | 54.8                         |
| 6N3 (L2)                           | Determine factors of a given number  | 54.9             | 64.7                       | 66.3                         |
| 6N4 (L1)                           | Place an improper fraction on a number line                                      | 11.8             | 36.8                       | 38.2                         |
| 6N7 (L3)                           | Select integer that best fits description  | 74.5             | 72.3                       | 71.9                         |
| Number Operations                  |  |                  |                            |                              |
| 6N8 (L2)                           | Compute products of whole numbers and decimals                                   | 73.7             | 81.9                       | 83.1                         |
| 6N2, 6N8 (L2)                      | Compute quotients of whole numbers and decimals                                  | 57.9             | 63.5                       | 64.5                         |
| 6N8 (L3)                           | Place decimal in correct position in a product of whole numbers and decimals     | 79.0             | 83.0                       | 83.8                         |
| 6N2, 6N8 (L2)                      | Solve a problem that involves division of decimals                               | 59.7             | 70.8                       | 71.0                         |
| 6N2, 6N8 (L2)                      | Solve a problem that involves multiplication of decimals                         | 59.7             | 64.0                       | 64.1                         |
| 6N2 (L2)                           | Estimate the solution to a subtraction problem                                   | 57.9             | 53.6                       | 53.4                         |
| 6N2 (L3)                           | Determine number expression represented by base ten blocks                       | 56.1             | 55.7                       | 56.7                         |
| 6N9 (L3)                           | Apply the order of operations to solve a problem                                 | 49.1             | 48.9                       | 50.1                         |
| 6N9 (L2)                           | Apply the order of operations to solve a problem                                 | 21.1             | 48.4                       | 49.7                         |
| Patterns and Relations             |  |                  |                            |                              |
| 6PR1 (L2)                          | Identify the value of an unknown term in a table of values                       | 80.0             | 84.0                       | 84.2                         |
| 6PR1 (L3)                          | Identify an error in a given table of values                                     | 81.8             | 87.9                       | 87.9                         |
| 6PR1, 6PR3 (L2)                    | Write a mathematical expression for a situation                                  | 9.1              | 23.3                       | 24.4                         |
| 6PR3 (L2)                          | Represent a pattern rule using a simple mathematical expression                  | 45.5             | 51.2                       | 53.5                         |
| 6PR3 (L2)                          | Extend a pattern that is shown on a line graph                                   | 67.3             | 76.2                       | 75.9                         |
| 6PR4 (L2)                          | Identifying an equivalent equation for a given equation                          | 43.6             | 50.0                       | 50.3                         |
| 6PR4 (L2)                          | Identifying an equivalent equation for a given model                             | 12.7             | 28.4                       | 28.9                         |
| 6PR1, 6PR2 (L2)<br>Shape and Space | Determine a mathematical expression for a situation and a table of values        | 3.6              | 29.4                       | 31.9                         |
| 6SS1 (L1)                          | Classify a given angle according to its measure                                  | 82.1             | 82.1                       | 82.5                         |
| 6SS1 (L1)                          | Classify a given angle according to its measure Estimate the measure of an angle | 87.5             | 85.8                       | 85.9                         |
| 6SS2 (L2)                          | Demonstrate the sum of interior angles of a triangle is 180°                     |                  |                            |                              |
| 6SS2 (L2)<br>6SS2 (L2)             | Demonstrate the sum of interior angles of a quadrilateral is 360°                | 75.0             | 72.0                       | 72.7                         |
| 6SS3 (L2)                          | Find the perimeter and area of a given polygon                                   | 73.2             | 74.5                       | 74.4                         |
| 6SS3 (L1)                          | Find the volume of a given rectangular prism                                     | 53.6<br>37.5     | 58.4<br>41.8               | 59.2<br>43.1                 |
|                                    | Identify a given triangle according to its angle measures                        |                  |                            |                              |
| 6SS4 (L1)<br>6SS5 (L2)             | Sort a given set of polygons according to given attributes                       | 66.1<br>57.1     | 62.2<br>56.3               | 63.5<br>57.4                 |
|                                    | Identify congruent triangles   | 57.1             | 75.1                       | 77.1                         |
| 6SS4, 6SS5 (L1)                    | Identify the coordinates of two given points on a Cartesian plane                |                  |                            |                              |
| 6SS8 (L1)                          |  | 48.2             | 67.4                       | 68.9                         |
| 6SS6 (L1)                          | Describe the combined transformations performed on a 2-D shape                   | 67.9             | 73.7                       | 74.4                         |
| 6SS9 (L1)                          | Describe the single transformation performed on a 2-D shape                      | 75.0             | 79.5                       | 80.4                         |
| 6SS7 (L2)                          | Identify the successive transformations performed to create a design             | 64.3             | 64.7                       | 66.2                         |



(Item Analysis: % of content answered correctly)

### NLESD - Eastern Region

### School #: 223 Christ the King School, Rushoon

Grades: K-12

| Outcome(s)<br>Cognitive Level             | Outcome Description  | School<br>[N=9] | <b>Region</b><br>[N=2,877] | <b>Province</b><br>[N=4,875] |
|---|--|-----------------|----------------------------|------------------------------|
| Number Concepts                           |  |                 |                            |                              |
| 6N1 (L1)                                  | Identify the value of a digit in a given number                              | 66.7            | 67.5                       | 68.2                         |
| 6N1 (L2)                                  | Demonstrate an understanding of place value through base ten representations | 0.0             | 37.4                       | 38.1                         |
| 6N5 (L1)                                  | Write and interpret ratios comparing part-to-whole                           | 66.7            | 59.6                       | 59.7                         |
| 6N5 (L2)                                  | Demonstrate an understanding of equivalent ratios                            | 22.2            | 46.6                       | 48.4                         |
| 6N6 (L1)                                  | Demonstrate an understanding of percent as ratio                             | 22.2            | 50.2                       | 50.0                         |
| 6N6 (L3)                                  | Demonstrate an understanding of percent as ratio                             | 77.8            | 84.4                       | 84.1                         |
| 6N3 (L2)                                  | Distinguish between prime and composite numbers                              | 66.7            | 52.9                       | 54.8                         |
| 6N3 (L2)                                  | Determine factors of a given number  | 77.8            | 64.7                       | 66.3                         |
| 6N4 (L1)                                  | Place an improper fraction on a number line                                  | 33.3            | 36.8                       | 38.2                         |
| 6N7 (L3)                                  | Select integer that best fits description                                    | 33.3            | 72.3                       | 71.9                         |
| Number Operations                         |  |                 |                            |                              |
| 6N8 (L2)                                  | Compute products of whole numbers and decimals                               | 77.8            | 81.9                       | 83.1                         |
| 6N2, 6N8 (L2)                             | Compute quotients of whole numbers and decimals                              | 44.4            | 63.5                       | 64.5                         |
| 6N8 (L3)                                  | Place decimal in correct position in a product of whole numbers and decimals | 77.8            | 83.0                       | 83.8                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves division of decimals                           | 77.8            | 70.8                       | 71.0                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves multiplication of decimals                     | 66.7            | 64.0                       | 64.1                         |
| 6N2 (L2)                                  | Estimate the solution to a subtraction problem                               | 22.2            | 53.6                       | 53.4                         |
| 6N2 (L3)                                  | Determine number expression represented by base ten blocks                   | 66.7            | 55.7                       | 56.7                         |
| 6N9 (L3)                                  | Apply the order of operations to solve a problem                             | 55.6            | 48.9                       | 50.1                         |
| 6N9 (L2)                                  | Apply the order of operations to solve a problem                             | 11.1            | 48.4                       | 49.7                         |
| Patterns and Relations                    |  |                 |                            |                              |
| 6PR1 (L2)                                 | Identify the value of an unknown term in a table of values                   | 66.7            | 84.0                       | 84.2                         |
| 6PR1 (L3)                                 | Identify an error in a given table of values                                 | 77.8            | 87.9                       | 87.9                         |
| 6PR1, 6PR3 (L2)                           | Write a mathematical expression for a situation                              | 11.1            | 23.3                       | 24.4                         |
| 6PR3 (L2)                                 | Represent a pattern rule using a simple mathematical expression              | 22.2            | 51.2                       | 53.5                         |
| 6PR3 (L2)                                 | Extend a pattern that is shown on a line graph                               | 66.7            | 76.2                       | 75.9                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given equation                      | 33.3            | 50.0                       | 50.3                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given model                         | 22.2            | 28.4                       | 28.9                         |
| 6PR1, 6PR2 (L2)<br><u>Shape and Space</u> | Determine a mathematical expression for a situation and a table of values    | 11.1            | 29.4                       | 31.9                         |
| 6SS1 (L1)                                 | Classify a given angle according to its measure                              | 66.7            | 82.1                       | 82.5                         |
| 6SS1 (L1)                                 | Estimate the measure of an angle   | 77.8            | 85.8                       | 85.9                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a triangle is 180°                 | 66.7            | 72.0                       | 72.7                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a quadrilateral is 360°            | 66.7            | 74.5                       | 74.4                         |
| 6SS3 (L2)                                 | Find the perimeter and area of a given polygon                               | 22.2            | 58.4                       | 59.2                         |
| 6SS3 (L1)                                 | Find the volume of a given rectangular prism                                 | 33.3            | 41.8                       | 43.1                         |
| 6SS4 (L1)                                 | Identify a given triangle according to its angle measures                    | 66.7            | 62.2                       | 63.5                         |
| 6SS5 (L2)                                 | Sort a given set of polygons according to given attributes                   | 66.7            | 56.3                       | 57.4                         |
| 6SS4, 6SS5 (L1)                           | Identify congruent triangles   | 88.9            | 75.1                       | 77.1                         |
| 6SS8 (L1)                                 | Identify the coordinates of two given points on a Cartesian plane            | 33.3            | 67.4                       | 68.9                         |
| 6SS6 (L1)                                 | Describe the combined transformations performed on a 2-D shape               | 88.9            | 73.7                       | 74.4                         |
| 6SS9 (L1)                                 | Describe the single transformation performed on a 2-D shape                  | 88.9            | 79.5                       | 80.4                         |
| 6SS7 (L2)                                 | Identify the successive transformations performed to create a design         | 88.9            | 64.7                       | 66.2                         |
|   |  | 00.9            | 04.7                       | 00.2                         |



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## Elementary Mathematics Provincial Assessment, June 2014 School Report - Multiple Choice Items

(Item Analysis: % of content answered correctly)

### NLESD - Eastern Region

School #: 224 Donald C. Jamieson Academy, Burin Bay Arm Grades: K-7

| Outcome(s)<br>Cognitive Level | Outcome Description  | School<br>[N=51] | <b>Region</b><br>[N=2,877] | <b>Province</b><br>[N=4,875] |
|-------------------------------|--|------------------|----------------------------|------------------------------|
| Number Concepts               |  |                  |                            |                              |
| 6N1 (L1)                      | Identify the value of a digit in a given number                              | 75.5             | 67.5                       | 68.2                         |
| 6N1 (L2)                      | Demonstrate an understanding of place value through base ten representations | 36.7             | 37.4                       | 38.1                         |
| 6N5 (L1)                      | Write and interpret ratios comparing part-to-whole                           | 40.8             | 59.6                       | 59.7                         |
| 6N5 (L2)                      | Demonstrate an understanding of equivalent ratios                            | 57.1             | 46.6                       | 48.4                         |
| 6N6 (L1)                      | Demonstrate an understanding of percent as ratio                             | 57.1             | 50.2                       | 50.0                         |
| 6N6 (L3)                      | Demonstrate an understanding of percent as ratio                             | 93.9             | 84.4                       | 84.1                         |
| 6N3 (L2)                      | Distinguish between prime and composite numbers                              | 59.2             | 52.9                       | 54.8                         |
| 6N3 (L2)                      | Determine factors of a given number  | 69.4             | 64.7                       | 66.3                         |
| 6N4 (L1)                      | Place an improper fraction on a number line                                  | 30.6             | 36.8                       | 38.2                         |
| 6N7 (L3)                      | Select integer that best fits description                                    | 75.5             | 72.3                       | 71.9                         |
| Number Operations             |  |                  |                            |                              |
| 6N8 (L2)                      | Compute products of whole numbers and decimals                               | 88.0             | 81.9                       | 83.1                         |
| 6N2, 6N8 (L2)                 | Compute quotients of whole numbers and decimals                              | 80.0             | 63.5                       | 64.5                         |
| 6N8 (L3)                      | Place decimal in correct position in a product of whole numbers and decimals | 84.0             | 83.0                       | 83.8                         |
| 6N2, 6N8 (L2)                 | Solve a problem that involves division of decimals                           | 84.0             | 70.8                       | 71.0                         |
| 6N2, 6N8 (L2)                 | Solve a problem that involves multiplication of decimals                     | 70.0             | 64.0                       | 64.1                         |
| 6N2 (L2)                      | Estimate the solution to a subtraction problem                               | 60.0             | 53.6                       | 53.4                         |
| 6N2 (L3)                      | Determine number expression represented by base ten blocks                   | 66.0             | 55.7                       | 56.7                         |
| 6N9 (L3)                      | Apply the order of operations to solve a problem                             | 52.0             | 48.9                       | 50.1                         |
| 6N9 (L2)                      | Apply the order of operations to solve a problem                             | 68.0             | 48.4                       | 49.7                         |
| Patterns and Relations        |  |                  |                            |                              |
| 6PR1 (L2)                     | Identify the value of an unknown term in a table of values                   | 84.0             | 84.0                       | 84.2                         |
| 6PR1 (L3)                     | Identify an error in a given table of values                                 | 90.0             | 87.9                       | 87.9                         |
| 6PR1, 6PR3 (L2)               | Write a mathematical expression for a situation                              | 34.0             | 23.3                       | 24.4                         |
| 6PR3 (L2)                     | Represent a pattern rule using a simple mathematical expression              | 48.0             | 51.2                       | 53.5                         |
| 6PR3 (L2)                     | Extend a pattern that is shown on a line graph                               | 82.0             | 76.2                       | 75.9                         |
| 6PR4 (L2)                     | Identifying an equivalent equation for a given equation                      | 62.0             | 50.0                       | 50.3                         |
| 6PR4 (L2)                     | Identifying an equivalent equation for a given model                         | 22.0             | 28.4                       | 28.9                         |
| 6PR1, 6PR2 (L2)               | Determine a mathematical expression for a situation and a table of values    | 46.0             | 29.4                       | 31.9                         |
| Shape and Space               |  |                  |                            |                              |
| 6SS1 (L1)                     | Classify a given angle according to its measure                              | 89.4             | 82.1                       | 82.5                         |
| 6SS1 (L1)                     | Estimate the measure of an angle   | 87.2             | 85.8                       | 85.9                         |
| 6SS2 (L2)                     | Demonstrate the sum of interior angles of a triangle is 180°                 | 85.1             | 72.0                       | 72.7                         |
| 6SS2 (L2)                     | Demonstrate the sum of interior angles of a quadrilateral is 360°            | 76.6             | 74.5                       | 74.4                         |
| 6SS3 (L2)                     | Find the perimeter and area of a given polygon                               | 83.0             | 58.4                       | 59.2                         |
| 6SS3 (L1)                     | Find the volume of a given rectangular prism                                 | 42.6             | 41.8                       | 43.1                         |
| 6SS4 (L1)                     | Identify a given triangle according to its angle measures                    | 63.8             | 62.2                       | 63.5                         |
| 6SS5 (L2)                     | Sort a given set of polygons according to given attributes                   | 63.8             | 56.3                       | 57.4                         |
| 6SS4, 6SS5 (L1)               | Identify congruent triangles   | 80.9             | 75.1                       | 77.1                         |
| 6SS8 (L1)                     | Identify the coordinates of two given points on a Cartesian plane            | 46.8             | 67.4                       | 68.9                         |
| 6SS6 (L1)                     | Describe the combined transformations performed on a 2-D shape               | 91.5             | 73.7                       | 74.4                         |
| 6SS9 (L1)                     | Describe the single transformation performed on a 2-D shape                  | 89.4             | 79.5                       | 80.4                         |
| 6SS7 (L2)                     | Identify the successive transformations performed to create a design         | 61.7             | 64.7                       | 66.2                         |

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Source: Division of Evaluation and Research, Department of Education and Early Childhood Development



(Item Analysis: % of content answered correctly)

### NLESD - Eastern Region

School #: 225 St. Anne's School, South East Bight

Grades: K-1,4-7,9-10

| Outcome(s)<br>Cognitive Level       | Outcome Description  | School<br>[N=1]         | <b>Region</b><br>[N=2,877] | Province<br>[N=4,875] |
|-------------------------------------|--|-------------------------|----------------------------|-----------------------|
| Number Concepts                     |  |                         |                            |                       |
| 6N1 (L1)                            | Identify the value of a digit in a given number  |                         | 67.5                       | 68.2                  |
| 6N1 (L2)                            | Demonstrate an understanding of place value through base ten representations   | School data             | 37.4                       | 38.1                  |
| 6N5 (L1)                            | Write and interpret ratios comparing part-to-whole   | with 5 or               | 59.6                       | 59.7                  |
| 6N5 (L2)                            | Demonstrate an understanding of equivalent ratios  | fewer                   | 46.6                       | 48.4                  |
| 6N6 (L1)                            | Demonstrate an understanding of percent as ratio   | students                | 50.2                       | 50.0                  |
| 6N6 (L3)                            | Demonstrate an understanding of percent as ratio   | withheld for reasons of | 84.4                       | 84.1                  |
| 6N3 (L2)                            | Distinguish between prime and composite numbers  | confidentiality         | 52.9                       | 54.8                  |
| 6N3 (L2)                            | Determine factors of a given number  |                         | 64.7                       | 66.3                  |
| 6N4 (L1)                            | Place an improper fraction on a number line  |                         | 36.8                       | 38.2                  |
| 6N7 (L3)                            | Select integer that best fits description  |                         | 72.3                       | 71.9                  |
| Number Operations                   |  |                         |                            |                       |
| 6N8 (L2)                            | Compute products of whole numbers and decimals   |                         | 81.9                       | 83.1                  |
| 6N2, 6N8 (L2)                       | Compute quotients of whole numbers and decimals  |                         | 63.5                       | 64.5                  |
| 6N8 (L3)                            | Place decimal in correct position in a product of whole numbers and decimals   |                         | 83.0                       | 83.8                  |
| 6N2, 6N8 (L2)                       | Solve a problem that involves division of decimals   |                         | 70.8                       | 71.0                  |
| 6N2, 6N8 (L2)                       | Solve a problem that involves multiplication of decimals   |                         | 64.0                       | 64.1                  |
| 6N2 (L2)                            | Estimate the solution to a subtraction problem   |                         | 53.6                       | 53.4                  |
| 6N2 (L3)                            | Determine number expression represented by base ten blocks   |                         | 55.7                       | 56.7                  |
| 6N9 (L3)                            | Apply the order of operations to solve a problem   |                         | 48.9                       | 50.1                  |
| 6N9 (L2)                            | Apply the order of operations to solve a problem   |                         | 48.4                       | 49.7                  |
| Patterns and Relations<br>6PR1 (L2) | Identify the value of an unknown term in a table of values   | _                       | 84.0                       | 84.2                  |
| 6PR1 (L3)                           | -  |                         |                            |                       |
|                                     | Identify an error in a given table of values   | _                       | 87.9                       | 87.9                  |
| 6PR1, 6PR3 (L2)                     | Write a mathematical expression for a situation  |                         | 23.3                       | 24.4                  |
| 6PR3 (L2)                           | Represent a pattern rule using a simple mathematical expression  | _                       | 51.2                       | 53.5                  |
| 6PR3 (L2)                           | Extend a pattern that is shown on a line graph   |                         | 76.2                       | 75.9                  |
| 6PR4 (L2)<br>6PR4 (L2)              | Identifying an equivalent equation for a given equation  |                         | 50.0<br>28.4               | 50.3<br>28.9          |
| 6PR1, 6PR2 (L2)                     | Identifying an equivalent equation for a given model Determine a mathematical expression for a situation and a table of values |                         | 20.4                       | 31.9                  |
| Shape and Space                     |  |                         | 20.4                       | 01.5                  |
| 6SS1 (L1)                           | Classify a given angle according to its measure  |                         | 82.1                       | 82.5                  |
| 6SS1 (L1)                           | Estimate the measure of an angle   |                         | 85.8                       | 85.9                  |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a triangle is 180°   |                         | 72.0                       | 72.7                  |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a quadrilateral is 360°  |                         | 74.5                       | 74.4                  |
| 6SS3 (L2)                           | Find the perimeter and area of a given polygon   | 0.0                     | 58.4                       | 59.2                  |
| 6SS3 (L1)                           | Find the volume of a given rectangular prism   | 100.0                   | 41.8                       | 43.1                  |
| 6SS4 (L1)                           | Identify a given triangle according to its angle measures  | 100.0                   | 62.2                       | 63.5                  |
| 6SS5 (L2)                           | Sort a given set of polygons according to given attributes   | 100.0                   | 56.3                       | 57.4                  |
| 6SS4, 6SS5 (L1)                     | Identify congruent triangles   | 100.0                   | 75.1                       | 77.1                  |
| 6SS8 (L1)                           | Identify the coordinates of two given points on a Cartesian plane  | 100.0                   | 67.4                       | 68.9                  |
| 6SS6 (L1)                           | Describe the combined transformations performed on a 2-D shape   | 100.0                   | 73.7                       | 74.4                  |
| 6SS9 (L1)                           | Describe the single transformation performed on a 2-D shape  |                         |                            |                       |
| 6SS7 (L2)                           | Identify the successive transformation performed to create a design  | 100.0                   | 79.5                       | 80.4                  |
|                                     | ומרומין עוב שעטבשטיעב עמושוטווומעטוש אבווטווובע נט טובמנב מ עבשעו  | 100.0                   | 64.7                       | 66.2                  |

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(Item Analysis: % of content answered correctly)

### NLESD - Eastern Region

School #: 226 Fortune Bay Academy, St. Bernard's - Jacques Fontaine

Grades: K-12

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| Outcome(s)                                |  | School | Region    | Province  |
|---|--|--------|-----------|-----------|
| Cognitive Level                           | Outcome Description  | [N=6]  | [N=2,877] | [N=4,875] |
| Number Concepts                           |  |        |           |           |
| 6N1 (L1)                                  | Identify the value of a digit in a given number                              | 100.0  | 67.5      | 68.2      |
| 6N1 (L2)                                  | Demonstrate an understanding of place value through base ten representations | 83.3   | 37.4      | 38.1      |
| 6N5 (L1)                                  | Write and interpret ratios comparing part-to-whole                           | 83.3   | 59.6      | 59.7      |
| 6N5 (L2)                                  | Demonstrate an understanding of equivalent ratios                            | 83.3   | 46.6      | 48.4      |
| 6N6 (L1)                                  | Demonstrate an understanding of percent as ratio                             | 66.7   | 50.2      | 50.0      |
| 6N6 (L3)                                  | Demonstrate an understanding of percent as ratio                             | 100.0  | 84.4      | 84.1      |
| 6N3 (L2)                                  | Distinguish between prime and composite numbers                              | 66.7   | 52.9      | 54.8      |
| 6N3 (L2)                                  | Determine factors of a given number  | 83.3   | 64.7      | 66.3      |
| 6N4 (L1)                                  | Place an improper fraction on a number line                                  | 50.0   | 36.8      | 38.2      |
| 6N7 (L3)                                  | Select integer that best fits description                                    | 83.3   | 72.3      | 71.9      |
| Number Operations                         |  |        |           |           |
| 6N8 (L2)                                  | Compute products of whole numbers and decimals                               | 100.0  | 81.9      | 83.1      |
| 6N2, 6N8 (L2)                             | Compute quotients of whole numbers and decimals                              | 33.3   | 63.5      | 64.5      |
| 6N8 (L3)                                  | Place decimal in correct position in a product of whole numbers and decimals | 100.0  | 83.0      | 83.8      |
| 6N2, 6N8 (L2)                             | Solve a problem that involves division of decimals                           | 33.3   | 70.8      | 71.0      |
| 6N2, 6N8 (L2)                             | Solve a problem that involves multiplication of decimals                     | 83.3   | 64.0      | 64.1      |
| 6N2 (L2)                                  | Estimate the solution to a subtraction problem                               | 83.3   | 53.6      | 53.4      |
| 6N2 (L3)                                  | Determine number expression represented by base ten blocks                   | 100.0  | 55.7      | 56.7      |
| 6N9 (L3)                                  | Apply the order of operations to solve a problem                             | 66.7   | 48.9      | 50.1      |
| 6N9 (L2)                                  | Apply the order of operations to solve a problem                             | 66.7   | 48.4      | 49.7      |
| Patterns and Relations                    |  |        |           |           |
| 6PR1 (L2)                                 | Identify the value of an unknown term in a table of values                   | 100.0  | 84.0      | 84.2      |
| 6PR1 (L3)                                 | Identify an error in a given table of values                                 | 100.0  | 87.9      | 87.9      |
| 6PR1, 6PR3 (L2)                           | Write a mathematical expression for a situation                              | 0.0    | 23.3      | 24.4      |
| 6PR3 (L2)                                 | Represent a pattern rule using a simple mathematical expression              | 66.7   | 51.2      | 53.5      |
| 6PR3 (L2)                                 | Extend a pattern that is shown on a line graph                               | 83.3   | 76.2      | 75.9      |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given equation                      | 50.0   | 50.0      | 50.3      |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given model                         | 0.0    | 28.4      | 28.9      |
| 6PR1, 6PR2 (L2)<br><u>Shape and Space</u> | Determine a mathematical expression for a situation and a table of values    | 83.3   | 29.4      | 31.9      |
| 6SS1 (L1)                                 | Classify a given angle according to its measure                              | 100.0  | 82.1      | 82.5      |
| 6SS1 (L1)                                 | Estimate the measure of an angle   | 100.0  | 85.8      | 85.9      |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a triangle is 180°                 | 83.3   | 72.0      | 72.7      |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a quadrilateral is 360°            | 100.0  | 74.5      | 74.4      |
| 6SS3 (L2)                                 | Find the perimeter and area of a given polygon                               | 100.0  | 58.4      | 59.2      |
| 6SS3 (L1)                                 | Find the volume of a given rectangular prism                                 | 50.0   | 41.8      | 43.1      |
| 6SS4 (L1)                                 | Identify a given triangle according to its angle measures                    | 50.0   | 62.2      | 63.5      |
| 6SS5 (L2)                                 | Sort a given set of polygons according to given attributes                   | 83.3   | 56.3      | 57.4      |
| 6SS4, 6SS5 (L1)                           | Identify congruent triangles   | 100.0  | 75.1      | 77.1      |
| 6SS8 (L1)                                 | Identify the coordinates of two given points on a Cartesian plane            | 100.0  | 67.4      | 68.9      |
| 6SS6 (L1)                                 | Describe the combined transformations performed on a 2-D shape               | 83.3   | 73.7      | 74.4      |
| 6SS9 (L1)                                 | Describe the single transformation performed on a 2-D shape                  | 66.7   | 79.5      | 80.4      |
|   | Identify the successive transformations performed to create a design         |        |           |           |
| 6SS7 (L2)                                 | rectury the successive transformations performed to create a design          | 66.7   | 64.7      | 66.2      |

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(Item Analysis: % of content answered correctly)

### NLESD - Eastern Region

School #: 228 St. Lawrence Academy, St. Lawrence

| Grades: I | K-12 |
|-----------|------|
|-----------|------|

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| Outcome(s)                          |  | School | Region    | Province  |
|-------------------------------------|--|--------|-----------|-----------|
| Cognitive Level                     | Outcome Description  | [N=12] | [N=2,877] | [N=4,875] |
| Number Concepts                     |  |        |           |           |
| 6N1 (L1)                            | Identify the value of a digit in a given number                              | 54.6   | 67.5      | 68.2      |
| 6N1 (L2)                            | Demonstrate an understanding of place value through base ten representations | 63.6   | 37.4      | 38.1      |
| 6N5 (L1)                            | Write and interpret ratios comparing part-to-whole                           | 54.6   | 59.6      | 59.7      |
| 6N5 (L2)                            | Demonstrate an understanding of equivalent ratios                            | 45.5   | 46.6      | 48.4      |
| 6N6 (L1)                            | Demonstrate an understanding of percent as ratio                             | 63.6   | 50.2      | 50.0      |
| 6N6 (L3)                            | Demonstrate an understanding of percent as ratio                             | 90.9   | 84.4      | 84.1      |
| 6N3 (L2)                            | Distinguish between prime and composite numbers                              | 54.6   | 52.9      | 54.8      |
| 6N3 (L2)                            | Determine factors of a given number  | 54.6   | 64.7      | 66.3      |
| 6N4 (L1)                            | Place an improper fraction on a number line                                  | 18.2   | 36.8      | 38.2      |
| 6N7 (L3)                            | Select integer that best fits description                                    | 81.8   | 72.3      | 71.9      |
| Number Operations                   |  |        |           |           |
| 6N8 (L2)                            | Compute products of whole numbers and decimals                               | 91.7   | 81.9      | 83.1      |
| 6N2, 6N8 (L2)                       | Compute quotients of whole numbers and decimals                              | 33.3   | 63.5      | 64.5      |
| 6N8 (L3)                            | Place decimal in correct position in a product of whole numbers and decimals | 66.7   | 83.0      | 83.8      |
| 6N2, 6N8 (L2)                       | Solve a problem that involves division of decimals                           | 41.7   | 70.8      | 71.0      |
| 6N2, 6N8 (L2)                       | Solve a problem that involves multiplication of decimals                     | 58.3   | 64.0      | 64.1      |
| 6N2 (L2)                            | Estimate the solution to a subtraction problem                               | 41.7   | 53.6      | 53.4      |
| 6N2 (L3)                            | Determine number expression represented by base ten blocks                   | 58.3   | 55.7      | 56.7      |
| 6N9 (L3)                            | Apply the order of operations to solve a problem                             | 25.0   | 48.9      | 50.1      |
| 6N9 (L2)                            | Apply the order of operations to solve a problem                             | 16.7   | 48.4      | 49.7      |
| Patterns and Relations<br>6PR1 (L2) | Identify the value of an unknown term in a table of values                   | 83.3   | 84.0      | 84.2      |
| 6PR1 (L3)                           | Identify an error in a given table of values                                 | 66.7   | 87.9      | 87.9      |
| 6PR1, 6PR3 (L2)                     | Write a mathematical expression for a situation                              | 25.0   | 23.3      | 24.4      |
| 6PR3 (L2)                           | Represent a pattern rule using a simple mathematical expression              | 58.3   | 51.2      | 53.5      |
| 6PR3 (L2)                           | Extend a pattern that is shown on a line graph                               | 66.7   | 76.2      | 75.9      |
| 6PR4 (L2)                           | Identifying an equivalent equation for a given equation                      | 50.0   | 50.0      | 50.3      |
| 6PR4 (L2)                           | Identifying an equivalent equation for a given model                         | 33.3   | 28.4      | 28.9      |
| 6PR1, 6PR2 (L2)                     | Determine a mathematical expression for a situation and a table of values    | 41.7   | 29.4      | 31.9      |
| Shape and Space                     |  |        |           |           |
| 6SS1 (L1)                           | Classify a given angle according to its measure                              | 83.3   | 82.1      | 82.5      |
| 6SS1 (L1)                           | Estimate the measure of an angle   | 100.0  | 85.8      | 85.9      |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a triangle is 180°                 | 66.7   | 72.0      | 72.7      |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a quadrilateral is 360°            | 75.0   | 74.5      | 74.4      |
| 6SS3 (L2)                           | Find the perimeter and area of a given polygon                               | 41.7   | 58.4      | 59.2      |
| 6SS3 (L1)                           | Find the volume of a given rectangular prism                                 | 16.7   | 41.8      | 43.1      |
| 6SS4 (L1)                           | Identify a given triangle according to its angle measures                    | 75.0   | 62.2      | 63.5      |
| 6SS5 (L2)                           | Sort a given set of polygons according to given attributes                   | 50.0   | 56.3      | 57.4      |
| 6SS4, 6SS5 (L1)                     | Identify congruent triangles   | 83.3   | 75.1      | 77.1      |
| 6SS8 (L1)                           | Identify the coordinates of two given points on a Cartesian plane            | 75.0   | 67.4      | 68.9      |
| 6SS6 (L1)                           | Describe the combined transformations performed on a 2-D shape               | 66.7   | 73.7      | 74.4      |
| 6SS9 (L1)                           | Describe the single transformation performed on a 2-D shape                  | 58.3   | 79.5      | 80.4      |
| 6SS7 (L2)                           | Identify the successive transformations performed to create a design         | 66.7   | 64.7      | 66.2      |
|                                     |  | I      | I         | I         |

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Source: Division of Evaluation and Research, Department of Education and Early Childhood Development



(Item Analysis: % of content answered correctly)

### NLESD - Eastern Region

### School #: 229 St. Joseph's All Grade, Terrenceville

Grades: K-12

| Outcome(s)<br>Cognitive Level       | Outcome Description  | School<br>[N=7] | <b>Region</b><br>[N=2,877] | <b>Province</b><br>[N=4,875] |
|-------------------------------------|--|-----------------|----------------------------|------------------------------|
| Number Concepts                     |  |                 |                            |                              |
| 6N1 (L1)                            | Identify the value of a digit in a given number                              | 57.1            | 67.5                       | 68.2                         |
| 6N1 (L2)                            | Demonstrate an understanding of place value through base ten representations | 14.3            | 37.4                       | 38.1                         |
| 6N5 (L1)                            | Write and interpret ratios comparing part-to-whole                           | 42.9            | 59.6                       | 59.7                         |
| 6N5 (L2)                            | Demonstrate an understanding of equivalent ratios                            | 28.6            | 46.6                       | 48.4                         |
| 6N6 (L1)                            | Demonstrate an understanding of percent as ratio                             | 28.6            | 50.2                       | 50.0                         |
| 6N6 (L3)                            | Demonstrate an understanding of percent as ratio                             | 71.4            | 84.4                       | 84.1                         |
| 6N3 (L2)                            | Distinguish between prime and composite numbers                              | 100.0           | 52.9                       | 54.8                         |
| 6N3 (L2)                            | Determine factors of a given number  | 85.7            | 64.7                       | 66.3                         |
| 6N4 (L1)                            | Place an improper fraction on a number line                                  | 42.9            | 36.8                       | 38.2                         |
| 6N7 (L3)                            | Select integer that best fits description                                    | 85.7            | 72.3                       | 71.9                         |
| Number Operations                   |  |                 |                            |                              |
| 6N8 (L2)                            | Compute products of whole numbers and decimals                               | 100.0           | 81.9                       | 83.1                         |
| 6N2, 6N8 (L2)                       | Compute quotients of whole numbers and decimals                              | 57.1            | 63.5                       | 64.5                         |
| 6N8 (L3)                            | Place decimal in correct position in a product of whole numbers and decimals | 71.4            | 83.0                       | 83.8                         |
| 6N2, 6N8 (L2)                       | Solve a problem that involves division of decimals                           | 71.4            | 70.8                       | 71.0                         |
| 6N2, 6N8 (L2)                       | Solve a problem that involves multiplication of decimals                     | 28.6            | 64.0                       | 64.1                         |
| 6N2 (L2)                            | Estimate the solution to a subtraction problem                               | 42.9            | 53.6                       | 53.4                         |
| 6N2 (L3)                            | Determine number expression represented by base ten blocks                   | 57.1            | 55.7                       | 56.7                         |
| 6N9 (L3)                            | Apply the order of operations to solve a problem                             | 42.9            | 48.9                       | 50.1                         |
| 6N9 (L2)                            | Apply the order of operations to solve a problem                             | 57.1            | 48.4                       | 49.7                         |
| Patterns and Relations<br>6PR1 (L2) | Identify the value of an unknown term in a table of values                   | 85.7            | 84.0                       | 84.2                         |
| 6PR1 (L3)                           | Identify an error in a given table of values                                 | 85.7            | 87.9                       | 87.9                         |
| 6PR1, 6PR3 (L2)                     | Write a mathematical expression for a situation                              | 57.1            | 23.3                       | 24.4                         |
| 6PR3 (L2)                           | Represent a pattern rule using a simple mathematical expression              | 57.1            | 51.2                       | 53.5                         |
| 6PR3 (L2)                           | Extend a pattern that is shown on a line graph                               | 85.7            | 76.2                       | 75.9                         |
| 6PR4 (L2)                           | Identifying an equivalent equation for a given equation                      | 28.6            | 50.0                       | 50.3                         |
| 6PR4 (L2)                           | Identifying an equivalent equation for a given model                         | 42.9            | 28.4                       | 28.9                         |
| 6PR1, 6PR2 (L2)<br>Shape and Space  | Determine a mathematical expression for a situation and a table of values    | 85.7            | 29.4                       | 31.9                         |
| 6SS1 (L1)                           | Classify a given angle according to its measure                              | 85.7            | 82.1                       | 82.5                         |
| 6SS1 (L1)                           | Estimate the measure of an angle   | 85.7            | 85.8                       | 85.9                         |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a triangle is 180°                 | 71.4            | 72.0                       | 72.7                         |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a quadrilateral is 360°            | 71.4            | 74.5                       | 74.4                         |
| 6SS3 (L2)                           | Find the perimeter and area of a given polygon                               | 71.4            | 58.4                       | 59.2                         |
| 6SS3 (L1)                           | Find the volume of a given rectangular prism                                 | 71.4            | 41.8                       | 43.1                         |
| 6SS4 (L1)                           | Identify a given triangle according to its angle measures                    | 85.7            | 62.2                       | 63.5                         |
| 6SS5 (L2)                           | Sort a given set of polygons according to given attributes                   | 71.4            | 56.3                       | 57.4                         |
| 6SS4, 6SS5 (L1)                     | Identify congruent triangles   | 100.0           | 75.1                       | 77.1                         |
| 6SS8 (L1)                           | Identify the coordinates of two given points on a Cartesian plane            | 85.7            | 67.4                       | 68.9                         |
| 6SS6 (L1)                           | Describe the combined transformations performed on a 2-D shape               | 85.7            | 73.7                       | 74.4                         |
| 6SS9 (L1)                           | Describe the single transformation performed on a 2-D shape                  | 100.0           | 79.5                       | 80.4                         |
| 6SS7 (L2)                           | Identify the successive transformations performed to create a design         | 57.1            | 64.7                       | 66.2                         |
|                                     | ,  |                 | ""                         | 00.2                         |



(Item Analysis: % of content answered correctly)

### NLESD - Eastern Region

### School #: 232 Matthew Elementary School, Bonavista

Grades: K-6

| Outcome(s)<br>Cognitive Level      | Outcome Description   | School<br>[N=44] | <b>Region</b><br>[N=2,877] | <b>Province</b><br>[N=4,875] |
|------------------------------------|---|------------------|----------------------------|------------------------------|
| Number Concepts                    |   |                  |                            |                              |
| 6N1 (L1)                           | Identify the value of a digit in a given number   | 48.8             | 67.5                       | 68.2                         |
| 6N1 (L2)                           | Demonstrate an understanding of place value through base ten representations  | 20.9             | 37.4                       | 38.1                         |
| 6N5 (L1)                           | Write and interpret ratios comparing part-to-whole  | 62.8             | 59.6                       | 59.7                         |
| 6N5 (L2)                           | Demonstrate an understanding of equivalent ratios   | 30.2             | 46.6                       | 48.4                         |
| 6N6 (L1)                           | Demonstrate an understanding of percent as ratio  | 30.2             | 50.2                       | 50.0                         |
| 6N6 (L3)                           | Demonstrate an understanding of percent as ratio  | 69.8             | 84.4                       | 84.1                         |
| 6N3 (L2)                           | Distinguish between prime and composite numbers   | 62.8             | 52.9                       | 54.8                         |
| 6N3 (L2)                           | Determine factors of a given number   | 44.2             | 64.7                       | 66.3                         |
| 6N4 (L1)                           | Place an improper fraction on a number line   | 25.6             | 36.8                       | 38.2                         |
| 6N7 (L3)                           | Select integer that best fits description   | 55.8             | 72.3                       | 71.9                         |
| Number Operations                  |   |                  |                            |                              |
| 6N8 (L2)                           | Compute products of whole numbers and decimals  | 60.5             | 81.9                       | 83.1                         |
| 6N2, 6N8 (L2)                      | Compute quotients of whole numbers and decimals   | 41.9             | 63.5                       | 64.5                         |
| 6N8 (L3)                           | Place decimal in correct position in a product of whole numbers and decimals  | 72.1             | 83.0                       | 83.8                         |
| 6N2, 6N8 (L2)                      | Solve a problem that involves division of decimals  | 55.8             | 70.8                       | 71.0                         |
| 6N2, 6N8 (L2)                      | Solve a problem that involves multiplication of decimals  | 60.5             | 64.0                       | 64.1                         |
| 6N2 (L2)                           | Estimate the solution to a subtraction problem  | 30.2             | 53.6                       | 53.4                         |
| 6N2 (L3)                           | Determine number expression represented by base ten blocks  | 25.6             | 55.7                       | 56.7                         |
| 6N9 (L3)                           | Apply the order of operations to solve a problem  | 27.9             | 48.9                       | 50.1                         |
| 6N9 (L2)                           | Apply the order of operations to solve a problem  | 39.5             | 48.4                       | 49.7                         |
| Patterns and Relations             |   |                  |                            |                              |
| 6PR1 (L2)                          | Identify the value of an unknown term in a table of values  | 78.6             | 84.0                       | 84.2                         |
| 6PR1 (L3)                          | Identify an error in a given table of values  | 78.6             | 87.9                       | 87.9                         |
| 6PR1, 6PR3 (L2)                    | Write a mathematical expression for a situation   | 4.8              | 23.3                       | 24.4                         |
| 6PR3 (L2)                          | Represent a pattern rule using a simple mathematical expression   | 40.5             | 51.2                       | 53.5                         |
| 6PR3 (L2)                          | Extend a pattern that is shown on a line graph  | 57.1             | 76.2                       | 75.9                         |
| 6PR4 (L2)                          | Identifying an equivalent equation for a given equation   | 40.5             | 50.0                       | 50.3                         |
| 6PR4 (L2)                          | Identifying an equivalent equation for a given model  | 16.7             | 28.4                       | 28.9                         |
| 6PR1, 6PR2 (L2)<br>Shape and Space | Determine a mathematical expression for a situation and a table of values   | 4.8              | 29.4                       | 31.9                         |
|                                    |   | 05.7             | 00.4                       | 00.5                         |
| 6SS1 (L1)                          | Classify a given angle according to its measure   | 85.7             | 82.1                       | 82.5                         |
| 6SS1 (L1)                          | Estimate the measure of an angle  | 73.8             | 85.8                       | 85.9                         |
| 6SS2 (L2)                          | Demonstrate the sum of interior angles of a triangle is 180°  | 66.7             | 72.0                       | 72.7                         |
| 6SS2 (L2)                          | Demonstrate the sum of interior angles of a quadrilateral is 360°   | 66.7             | 74.5                       | 74.4                         |
| 6SS3 (L2)                          | Find the perimeter and area of a given polygon  | 54.8             | 58.4                       | 59.2                         |
| 6SS3 (L1)                          | Find the volume of a given rectangular prism  | 35.7             | 41.8                       | 43.1                         |
| 6SS4 (L1)                          | Identify a given triangle according to its angle measures   | 59.5             | 62.2                       | 63.5                         |
| 6SS5 (L2)                          |   | 50.0             | 56.3                       | 57.4                         |
|                                    | Sort a given set of polygons according to given attributes  |                  |                            | ·                            |
| 6SS4, 6SS5 (L1)                    | Identify congruent triangles  | 71.4             | 75.1                       | 77.1                         |
| 6SS4, 6SS5 (L1)<br>6SS8 (L1)       | Identify congruent triangles<br>Identify the coordinates of two given points on a Cartesian plane   | 76.2             | 67.4                       | 68.9                         |
| 6SS8 (L1)<br>6SS6 (L1)             | Identify congruent triangles         Identify the coordinates of two given points on a Cartesian plane         Describe the combined transformations performed on a 2-D shape |                  |                            |                              |
| 6SS8 (L1)                          | Identify congruent triangles<br>Identify the coordinates of two given points on a Cartesian plane   | 76.2             | 67.4                       | 68.9                         |



(Item Analysis: % of content answered correctly)

### NLESD - Eastern Region

### School #: 234 Catalina Elementary School, Catalina

Grades: K-8

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|  | <b>ichool</b><br>[N=21] | <b>Region</b><br>[N=2,877] | <b>Province</b><br>[N=4,875] |
|--|-------------------------|----------------------------|------------------------------|
| Number Concepts  |                         |                            |                              |
| 6N1 (L1) Identify the value of a digit in a given number   | 76.2                    | 67.5                       | 68.2                         |
| 6N1 (L2) Demonstrate an understanding of place value through base ten representations  | 33.3                    | 37.4                       | 38.1                         |
| 6N5 (L1) Write and interpret ratios comparing part-to-whole  | 71.4                    | 59.6                       | 59.7                         |
| 6N5 (L2) Demonstrate an understanding of equivalent ratios   | 42.9                    | 46.6                       | 48.4                         |
| 6N6 (L1) Demonstrate an understanding of percent as ratio  | 42.9                    | 50.2                       | 50.0                         |
| 6N6 (L3) Demonstrate an understanding of percent as ratio  | 76.2                    | 84.4                       | 84.1                         |
| 6N3 (L2)     Distinguish between prime and composite numbers   | 76.2                    | 52.9                       | 54.8                         |
| 6N3 (L2) Determine factors of a given number   | 61.9                    | 64.7                       | 66.3                         |
| 6N4 (L1) Place an improper fraction on a number line   | 61.9                    | 36.8                       | 38.2                         |
| 6N7 (L3) Select integer that best fits description   | 81.0                    | 72.3                       | 71.9                         |
| Number Operations  |                         |                            |                              |
| 6N8 (L2) Compute products of whole numbers and decimals  | 81.0                    | 81.9                       | 83.1                         |
| 6N2, 6N8 (L2) Compute quotients of whole numbers and decimals  | 42.9                    | 63.5                       | 64.5                         |
| 6N8 (L3) Place decimal in correct position in a product of whole numbers and decimals  | 76.2                    | 83.0                       | 83.8                         |
| 6N2, 6N8 (L2) Solve a problem that involves division of decimals   | 61.9                    | 70.8                       | 71.0                         |
| 6N2, 6N8 (L2)     Solve a problem that involves multiplication of decimals   | 66.7                    | 64.0                       | 64.1                         |
| 6N2 (L2) Estimate the solution to a subtraction problem  | 47.6                    | 53.6                       | 53.4                         |
| 6N2 (L3) Determine number expression represented by base ten blocks  | 52.4                    | 55.7                       | 56.7                         |
| 6N9 (L3)         Apply the order of operations to solve a problem  | 52.4                    | 48.9                       | 50.1                         |
| 6N9 (L2)     Apply the order of operations to solve a problem  | 47.6                    | 48.4                       | 49.7                         |
| Patterns and Relations   | -                       | -                          |                              |
| 6PR1 (L2) Identify the value of an unknown term in a table of values   | 76.2                    | 84.0                       | 84.2                         |
| 6PR1 (L3) Identify an error in a given table of values   | 81.0                    | 87.9                       | 87.9                         |
| 6PR1, 6PR3 (L2) Write a mathematical expression for a situation  | 33.3                    | 23.3                       | 24.4                         |
| 6PR3 (L2) Represent a pattern rule using a simple mathematical expression  | 38.1                    | 51.2                       | 53.5                         |
| 6PR3 (L2) Extend a pattern that is shown on a line graph   | 66.7                    | 76.2                       | 75.9                         |
| 6PR4 (L2) Identifying an equivalent equation for a given equation  | 42.9                    | 50.0                       | 50.3                         |
| 6PR4 (L2) Identifying an equivalent equation for a given model   | 52.4                    | 28.4                       | 28.9                         |
| 6PR1, 6PR2 (L2) Determine a mathematical expression for a situation and a table of values  | 38.1                    | 29.4                       | 31.9                         |
| Shape and Space  |                         |                            |                              |
| 6SS1 (L1) Classify a given angle according to its measure  | 90.0                    | 82.1                       | 82.5                         |
| 6SS1 (L1) Estimate the measure of an angle   | 100.0                   | 85.8                       | 85.9                         |
| 6SS2 (L2) Demonstrate the sum of interior angles of a triangle is 180°   | 65.0                    | 72.0                       | 72.7                         |
| 6SS2 (L2) Demonstrate the sum of interior angles of a quadrilateral is 360°  | 55.0                    | 74.5                       | 74.4                         |
| 6SS3 (L2) Find the perimeter and area of a given polygon   | 50.0                    | 58.4                       | 59.2                         |
| 6SS3 (L1) Find the volume of a given rectangular prism   | 35.0                    | 41.8                       | 43.1                         |
| 6SS4 (L1) Identify a given triangle according to its angle measures  | 60.0                    | 62.2                       | 63.5                         |
| 6SS5 (L2) Sort a given set of polygons according to given attributes   | 55.0                    | 56.3                       | 57.4                         |
|  | 65.0                    | 75.1                       | 77.1                         |
| 6SS4, 6SS5 (L1) Identify congruent triangles   | 65.0                    | 67.4                       | 68.9                         |
| 6SS4, 6SS5 (L1)       Identify congruent triangles         6SS8 (L1)       Identify the coordinates of two given points on a Cartesian plane                             | 65.0                    | 0                          |                              |
| 6SS8 (L1)       Identify the coordinates of two given points on a Cartesian plane         6SS6 (L1)       Describe the combined transformations performed on a 2-D shape | 45.0                    | 73.7                       | 74.4                         |
| 6SS8 (L1)         Identify the coordinates of two given points on a Cartesian plane  |                         |                            |                              |

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(Item Analysis: % of content answered correctly)

### NLESD - Eastern Region

School #: 237 Anthony Paddon Elementary, Musgravetown

Grades: K-6

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| Outcome(s)<br>Cognitive Level             | Outcome Description  | School<br>[N=25] | <b>Region</b><br>[N=2,877] | Province<br>[N=4,875] |
|---|--|------------------|----------------------------|-----------------------|
| Number Concepts                           |  |                  |                            |                       |
| 6N1 (L1)                                  | Identify the value of a digit in a given number                              | 86.4             | 67.5                       | 68.2                  |
| 6N1 (L2)                                  | Demonstrate an understanding of place value through base ten representations | 45.5             | 37.4                       | 38.1                  |
| 6N5 (L1)                                  | Write and interpret ratios comparing part-to-whole                           | 40.9             | 59.6                       | 59.7                  |
| 6N5 (L2)                                  | Demonstrate an understanding of equivalent ratios                            | 18.2             | 46.6                       | 48.4                  |
| 6N6 (L1)                                  | Demonstrate an understanding of percent as ratio                             | 36.4             | 50.2                       | 50.0                  |
| 6N6 (L3)                                  | Demonstrate an understanding of percent as ratio                             | 81.8             | 84.4                       | 84.1                  |
| 6N3 (L2)                                  | Distinguish between prime and composite numbers                              | 40.9             | 52.9                       | 54.8                  |
| 6N3 (L2)                                  | Determine factors of a given number  | 63.6             | 64.7                       | 66.3                  |
| 6N4 (L1)                                  | Place an improper fraction on a number line                                  | 40.9             | 36.8                       | 38.2                  |
| 6N7 (L3)                                  | Select integer that best fits description                                    | 72.7             | 72.3                       | 71.9                  |
| Number Operations                         |  |                  |                            |                       |
| 6N8 (L2)                                  | Compute products of whole numbers and decimals                               | 84.0             | 81.9                       | 83.1                  |
| 6N2, 6N8 (L2)                             | Compute quotients of whole numbers and decimals                              | 72.0             | 63.5                       | 64.5                  |
| 6N8 (L3)                                  | Place decimal in correct position in a product of whole numbers and decimals | 72.0             | 83.0                       | 83.8                  |
| 6N2, 6N8 (L2)                             | Solve a problem that involves division of decimals                           | 72.0             | 70.8                       | 71.0                  |
| 6N2, 6N8 (L2)                             | Solve a problem that involves multiplication of decimals                     | 60.0             | 64.0                       | 64.1                  |
| 6N2 (L2)                                  | Estimate the solution to a subtraction problem                               | 40.0             | 53.6                       | 53.4                  |
| 6N2 (L3)                                  | Determine number expression represented by base ten blocks                   | 44.0             | 55.7                       | 56.7                  |
| 6N9 (L3)                                  | Apply the order of operations to solve a problem                             | 52.0             | 48.9                       | 50.1                  |
| 6N9 (L2)                                  | Apply the order of operations to solve a problem                             | 64.0             | 48.4                       | 49.7                  |
| Patterns and Relations                    |  |                  |                            |                       |
| 6PR1 (L2)                                 | Identify the value of an unknown term in a table of values                   | 76.0             | 84.0                       | 84.2                  |
| 6PR1 (L3)                                 | Identify an error in a given table of values                                 | 96.0             | 87.9                       | 87.9                  |
| 6PR1, 6PR3 (L2)                           | Write a mathematical expression for a situation                              | 40.0             | 23.3                       | 24.4                  |
| 6PR3 (L2)                                 | Represent a pattern rule using a simple mathematical expression              | 56.0             | 51.2                       | 53.5                  |
| 6PR3 (L2)                                 | Extend a pattern that is shown on a line graph                               | 76.0             | 76.2                       | 75.9                  |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given equation                      | 44.0             | 50.0                       | 50.3                  |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given model                         | 32.0             | 28.4                       | 28.9                  |
| 6PR1, 6PR2 (L2)<br><u>Shape and Space</u> | Determine a mathematical expression for a situation and a table of values    | 44.0             | 29.4                       | 31.9                  |
| 6SS1 (L1)                                 | Classify a given angle according to its measure                              | 76.0             | 82.1                       | 82.5                  |
| 6SS1 (L1)                                 | Estimate the measure of an angle   | 92.0             | 85.8                       | 85.9                  |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a triangle is 180°                 | 56.0             | 72.0                       | 72.7                  |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a quadrilateral is 360°            | 84.0             | 74.5                       | 74.4                  |
| 6SS3 (L2)                                 | Find the perimeter and area of a given polygon                               | 52.0             | 58.4                       | 59.2                  |
| 6SS3 (L1)                                 | Find the volume of a given rectangular prism                                 | 48.0             | 41.8                       | 43.1                  |
| 6SS4 (L1)                                 | Identify a given triangle according to its angle measures                    | 44.0             | 62.2                       | 63.5                  |
| 6SS5 (L2)                                 | Sort a given set of polygons according to given attributes                   | 44.0             | 56.3                       | 57.4                  |
| 6SS4, 6SS5 (L1)                           | Identify congruent triangles   | 88.0             | 75.1                       | 77.1                  |
| 6SS8 (L1)                                 | Identify the coordinates of two given points on a Cartesian plane            | 76.0             | 67.4                       | 68.9                  |
| 6SS6 (L1)                                 | Describe the combined transformations performed on a 2-D shape               | 64.0             | 73.7                       | 74.4                  |
| 6SS9 (L1)                                 | Describe the single transformation performed on a 2-D shape                  | 72.0             | 79.5                       | 80.4                  |
| 6SS7 (L2)                                 | Identify the successive transformations performed to create a design         | 72.0             | 64.7                       | 66.2                  |
|   | · · · · · ·  |                  |                            |                       |

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Source: Division of Evaluation and Research, Department of Education and Early Childhood Development



(Item Analysis: % of content answered correctly)

### NLESD - Eastern Region

### School #: 240 Bishop White School, Port Rexton

Grades: K-12

| Outcome(s)<br>Cognitive Level             | Outcome Description  | School<br>[N=6] | <b>Region</b><br>[N=2,877] | <b>Province</b><br>[N=4,875] |
|---|--|-----------------|----------------------------|------------------------------|
| Number Concepts                           |  |                 |                            |                              |
| 6N1 (L1)                                  | Identify the value of a digit in a given number                              | 100.0           | 67.5                       | 68.2                         |
| 6N1 (L2)                                  | Demonstrate an understanding of place value through base ten representations | 0.0             | 37.4                       | 38.1                         |
| 6N5 (L1)                                  | Write and interpret ratios comparing part-to-whole                           | 40.0            | 59.6                       | 59.7                         |
| 6N5 (L2)                                  | Demonstrate an understanding of equivalent ratios                            | 60.0            | 46.6                       | 48.4                         |
| 6N6 (L1)                                  | Demonstrate an understanding of percent as ratio                             | 20.0            | 50.2                       | 50.0                         |
| 6N6 (L3)                                  | Demonstrate an understanding of percent as ratio                             | 100.0           | 84.4                       | 84.1                         |
| 6N3 (L2)                                  | Distinguish between prime and composite numbers                              | 40.0            | 52.9                       | 54.8                         |
| 6N3 (L2)                                  | Determine factors of a given number  | 60.0            | 64.7                       | 66.3                         |
| 6N4 (L1)                                  | Place an improper fraction on a number line                                  | 40.0            | 36.8                       | 38.2                         |
| 6N7 (L3)                                  | Select integer that best fits description                                    | 60.0            | 72.3                       | 71.9                         |
| Number Operations                         |  |                 |                            |                              |
| 6N8 (L2)                                  | Compute products of whole numbers and decimals                               | 100.0           | 81.9                       | 83.1                         |
| 6N2, 6N8 (L2)                             | Compute quotients of whole numbers and decimals                              | 60.0            | 63.5                       | 64.5                         |
| 6N8 (L3)                                  | Place decimal in correct position in a product of whole numbers and decimals | 100.0           | 83.0                       | 83.8                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves division of decimals                           | 80.0            | 70.8                       | 71.0                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves multiplication of decimals                     | 80.0            | 64.0                       | 64.1                         |
| 6N2 (L2)                                  | Estimate the solution to a subtraction problem                               | 40.0            | 53.6                       | 53.4                         |
| 6N2 (L3)                                  | Determine number expression represented by base ten blocks                   | 60.0            | 55.7                       | 56.7                         |
| 6N9 (L3)                                  | Apply the order of operations to solve a problem                             | 80.0            | 48.9                       | 50.1                         |
| 6N9 (L2)                                  | Apply the order of operations to solve a problem                             | 100.0           | 48.4                       | 49.7                         |
| Patterns and Relations                    |  |                 |                            |                              |
| 6PR1 (L2)                                 | Identify the value of an unknown term in a table of values                   | 100.0           | 84.0                       | 84.2                         |
| 6PR1 (L3)                                 | Identify an error in a given table of values                                 | 100.0           | 87.9                       | 87.9                         |
| 6PR1, 6PR3 (L2)                           | Write a mathematical expression for a situation                              | 66.7            | 23.3                       | 24.4                         |
| 6PR3 (L2)                                 | Represent a pattern rule using a simple mathematical expression              | 83.3            | 51.2                       | 53.5                         |
| 6PR3 (L2)                                 | Extend a pattern that is shown on a line graph                               | 83.3            | 76.2                       | 75.9                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given equation                      | 50.0            | 50.0                       | 50.3                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given model                         | 50.0            | 28.4                       | 28.9                         |
| 6PR1, 6PR2 (L2)<br><u>Shape and Space</u> | Determine a mathematical expression for a situation and a table of values    | 50.0            | 29.4                       | 31.9                         |
| 6SS1 (L1)                                 | Classify a given angle according to its measure                              | 100.0           | 82.1                       | 82.5                         |
| 6SS1 (L1)                                 | Estimate the measure of an angle   | 100.0           | 85.8                       | 85.9                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a triangle is 180°                 | 66.7            | 72.0                       | 72.7                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a quadrilateral is 360°            | 66.7            | 74.5                       | 74.4                         |
| 6SS3 (L2)                                 | Find the perimeter and area of a given polygon                               | 83.3            | 58.4                       | 59.2                         |
| 6SS3 (L1)                                 | Find the volume of a given rectangular prism                                 | 50.0            | 41.8                       | 43.1                         |
| 6SS4 (L1)                                 | Identify a given triangle according to its angle measures                    | 66.7            | 62.2                       | 63.5                         |
| 6SS5 (L2)                                 | Sort a given set of polygons according to given attributes                   | 66.7            | 56.3                       | 57.4                         |
| 6SS4, 6SS5 (L1)                           | Identify congruent triangles   | 83.3            | 75.1                       | 77.1                         |
| 6SS8 (L1)                                 | Identify the coordinates of two given points on a Cartesian plane            | 100.0           | 67.4                       | 68.9                         |
| 6SS6 (L1)                                 | Describe the combined transformations performed on a 2-D shape               | 66.7            | 73.7                       | 74.4                         |
| 6SS9 (L1)                                 | Describe the single transformation performed on a 2-D shape                  | 83.3            | 79.5                       | 80.4                         |
| 6SS7 (L2)                                 | Identify the successive transformations performed to create a design         | 100.0           | 64.7                       | 66.2                         |
|   |  |                 | 04.7                       | 00.2                         |



(Item Analysis: % of content answered correctly)

### NLESD - Eastern Region

School #: 242 Random Island Academy, Hickman's Harbour

Grades: K-12

| Outcome(s)<br>Cognitive Level             | Outcome Description   | School<br>[N=9] | <b>Region</b><br>[N=2,877] | <b>Province</b><br>[N=4,875] |
|---|---|-----------------|----------------------------|------------------------------|
| Number Concepts                           |   |                 |                            |                              |
| 6N1 (L1)                                  | Identify the value of a digit in a given number   | 77.8            | 67.5                       | 68.2                         |
| 6N1 (L2)                                  | Demonstrate an understanding of place value through base ten representations                            | 11.1            | 37.4                       | 38.1                         |
| 6N5 (L1)                                  | Write and interpret ratios comparing part-to-whole  | 100.0           | 59.6                       | 59.7                         |
| 6N5 (L2)                                  | Demonstrate an understanding of equivalent ratios   | 33.3            | 46.6                       | 48.4                         |
| 6N6 (L1)                                  | Demonstrate an understanding of percent as ratio  | 55.6            | 50.2                       | 50.0                         |
| 6N6 (L3)                                  | Demonstrate an understanding of percent as ratio  | 77.8            | 84.4                       | 84.1                         |
| 6N3 (L2)                                  | Distinguish between prime and composite numbers   | 77.8            | 52.9                       | 54.8                         |
| 6N3 (L2)                                  | Determine factors of a given number   | 66.7            | 64.7                       | 66.3                         |
| 6N4 (L1)                                  | Place an improper fraction on a number line   | 22.2            | 36.8                       | 38.2                         |
| 6N7 (L3)                                  | Select integer that best fits description   | 77.8            | 72.3                       | 71.9                         |
| Number Operations                         |   |                 |                            |                              |
| 6N8 (L2)                                  | Compute products of whole numbers and decimals  | 00.0            | 91.0                       | 00.4                         |
| 6N2, 6N8 (L2)                             | Compute quotients of whole numbers and decimals   | 88.9            | 81.9<br>63.5               | 83.1<br>64.5                 |
| 6N8 (L3)                                  | Place decimal in correct position in a product of whole numbers and decimals                            | 77.8            | 83.0                       | 83.8                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves division of decimals  | 33.3            | 70.8                       | 71.0                         |
| 6N2, 6N8 (L2)                             | ·   | 66.7            | 64.0                       | 64.1                         |
| 6N2 (L2)                                  | Solve a problem that involves multiplication of decimals Estimate the solution to a subtraction problem | 44.4            | 53.6                       | 53.4                         |
|   | ·   | 33.3            | 55.7                       | 56.7                         |
| 6N2 (L3)                                  | Determine number expression represented by base ten blocks  |                 |                            |                              |
| 6N9 (L3)<br>6N9 (L2)                      | Apply the order of operations to solve a problem<br>Apply the order of operations to solve a problem    | 66.7            | 48.9                       | 50.1<br>49.7                 |
| Patterns and Relations<br>6PR1 (L2)       | Identify the value of an unknown term in a table of values  | 100.0           | 84.0                       | 84.2                         |
| 6PR1 (L3)                                 | Identify an error in a given table of values  | 77.8            | 87.9                       | 87.9                         |
| 6PR1, 6PR3 (L2)                           | Write a mathematical expression for a situation   | 33.3            | 23.3                       | 24.4                         |
| 6PR3 (L2)                                 | Represent a pattern rule using a simple mathematical expression   | 55.6            | 51.2                       | 53.5                         |
| 6PR3 (L2)                                 | Extend a pattern that is shown on a line graph  | 66.7            | 76.2                       | 75.9                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given equation   | 44.4            | 50.0                       | 50.3                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given model  | 44.4            | 28.4                       | 28.9                         |
| 6PR1, 6PR2 (L2)<br><u>Shape and Space</u> | Determine a mathematical expression for a situation and a table of values                               | 33.3            | 29.4                       | 31.9                         |
| 6SS1 (L1)                                 | Classify a given angle according to its measure   | 55.6            | 82.1                       | 82.5                         |
| 6SS1 (L1)                                 | Estimate the measure of an angle  | 77.8            | 85.8                       | 85.9                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a triangle is 180°  | 66.7            | 72.0                       | 72.7                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a quadrilateral is 360°                                       | 55.6            | 74.5                       | 74.4                         |
| 6SS3 (L2)                                 | Find the perimeter and area of a given polygon  | 22.2            | 58.4                       | 59.2                         |
| 6SS3 (L1)                                 | Find the volume of a given rectangular prism  | 11.1            | 41.8                       | 43.1                         |
| 6SS4 (L1)                                 | Identify a given triangle according to its angle measures   | 55.6            | 62.2                       | 63.5                         |
| 6SS5 (L2)                                 | Sort a given set of polygons according to given attributes  | 66.7            | 56.3                       | 57.4                         |
| 6SS4, 6SS5 (L1)                           | Identify congruent triangles  | 100.0           | 75.1                       | 77.1                         |
| 6SS8 (L1)                                 | Identify the coordinates of two given points on a Cartesian plane                                       | 55.6            | 67.4                       | 68.9                         |
| 6SS6 (L1)                                 | Describe the combined transformations performed on a 2-D shape  | 77.8            | 73.7                       | 74.4                         |
| 6SS9 (L1)                                 | Describe the single transformation performed on a 2-D shape   | 88.9            | 79.5                       | 80.4                         |
| 6SS7 (L2)                                 | Identify the successive transformations performed to create a design                                    | 33.3            | 64.7                       | 66.2                         |
|   |   | 33.3            | 04.7                       | 00.2                         |



(Item Analysis: % of content answered correctly)

#### NLESD - Eastern Region

### School #: 243 Riverside Elementary, Shoal Harbour

Grades: K-6

| Outcome(s)<br>Cognitive Level       | Outcome Description  | <b>School</b><br>[N=114] | <b>Region</b><br>[N=2,877] | <b>Province</b><br>[N=4,875] |
|-------------------------------------|--|--------------------------|----------------------------|------------------------------|
| Number Concepts                     |  |                          |                            |                              |
| 6N1 (L1)                            | Identify the value of a digit in a given number  | 73.2                     | 67.5                       | 68.2                         |
| 6N1 (L2)                            | Demonstrate an understanding of place value through base ten representations   | 30.6                     | 37.4                       | 38.1                         |
| 6N5 (L1)                            | Write and interpret ratios comparing part-to-whole   | 74.1                     | 59.6                       | 59.7                         |
| 6N5 (L2)                            | Demonstrate an understanding of equivalent ratios  | 56.5                     | 46.6                       | 48.4                         |
| 6N6 (L1)                            | Demonstrate an understanding of percent as ratio   | 49.1                     | 50.2                       | 50.0                         |
| 6N6 (L3)                            | Demonstrate an understanding of percent as ratio   | 90.7                     | 84.4                       | 84.1                         |
| 6N3 (L2)                            | Distinguish between prime and composite numbers  | 59.3                     | 52.9                       | 54.8                         |
| 6N3 (L2)                            | Determine factors of a given number  | 52.8                     | 64.7                       | 66.3                         |
| 6N4 (L1)                            | Place an improper fraction on a number line  | 51.9                     | 36.8                       | 38.2                         |
| 6N7 (L3)                            | Select integer that best fits description  | 81.5                     | 72.3                       | 71.9                         |
| Number Operations                   |  |                          |                            |                              |
| 6N8 (L2)                            | Compute products of whole numbers and decimals   | 80.6                     | 81.9                       | 83.1                         |
| 6N2, 6N8 (L2)                       | Compute quotients of whole numbers and decimals  | 50.0                     | 63.5                       | 64.5                         |
| 6N8 (L3)                            | Place decimal in correct position in a product of whole numbers and decimals   | 83.3                     | 83.0                       | 83.8                         |
| 6N2, 6N8 (L2)                       | Solve a problem that involves division of decimals   | 63.9                     | 70.8                       | 71.0                         |
| 6N2, 6N8 (L2)                       | Solve a problem that involves multiplication of decimals   | 63.9                     | 64.0                       | 64.1                         |
| 6N2 (L2)                            | Estimate the solution to a subtraction problem   | 56.5                     | 53.6                       | 53.4                         |
| 6N2 (L3)                            | Determine number expression represented by base ten blocks   | 57.4                     | 55.7                       | 56.7                         |
| 6N9 (L3)                            | Apply the order of operations to solve a problem   | 47.2                     | 48.9                       | 50.1                         |
| 6N9 (L2)                            | Apply the order of operations to solve a problem   | 45.4                     | 48.4                       | 49.7                         |
| Patterns and Relations<br>6PR1 (L2) | Identify the value of an unknown term in a table of values   | 85.3                     | 84.0                       | 84.2                         |
|                                     |  |                          | -                          |                              |
| 6PR1 (L3)                           | Identify an error in a given table of values   | 87.2                     | 87.9                       | 87.9                         |
| 6PR1, 6PR3 (L2)                     | Write a mathematical expression for a situation  | 17.4                     | 23.3                       | 24.4                         |
| 6PR3 (L2)                           | Represent a pattern rule using a simple mathematical expression  | 62.4                     | 51.2                       | 53.5                         |
| 6PR3 (L2)                           | Extend a pattern that is shown on a line graph   | 79.8                     | 76.2                       | 75.9                         |
| 6PR4 (L2)<br>6PR4 (L2)              | Identifying an equivalent equation for a given equation  | 55.1                     | 50.0<br>28.4               | 50.3<br>28.9                 |
| 6PR1, 6PR2 (L2)                     | Identifying an equivalent equation for a given model Determine a mathematical expression for a situation and a table of values | 25.7                     | 28.4                       | 31.9                         |
| Shape and Space                     |  |                          |                            |                              |
| 6SS1 (L1)                           | Classify a given angle according to its measure  | 75.9                     | 82.1                       | 82.5                         |
| 6SS1 (L1)                           | Estimate the measure of an angle   | 85.2                     | 85.8                       | 85.9                         |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a triangle is 180°   | 70.4                     | 72.0                       | 72.7                         |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a quadrilateral is 360°  | 68.5                     | 74.5                       | 74.4                         |
| 6SS3 (L2)                           | Find the perimeter and area of a given polygon   | 55.6                     | 58.4                       | 59.2                         |
| 6SS3 (L1)                           | Find the volume of a given rectangular prism   | 41.7                     | 41.8                       | 43.1                         |
| 6SS4 (L1)                           | Identify a given triangle according to its angle measures  | 58.3                     | 62.2                       | 63.5                         |
| 6SS5 (L2)                           | Sort a given set of polygons according to given attributes   | 45.4                     | 56.3                       | 57.4                         |
| 6SS4, 6SS5 (L1)                     | Identify congruent triangles   | 70.4                     | 75.1                       | 77.1                         |
| 6SS8 (L1)                           | Identify the coordinates of two given points on a Cartesian plane  | 55.6                     | 67.4                       | 68.9                         |
| 6SS6 (L1)                           | Describe the combined transformations performed on a 2-D shape   | 78.7                     | 73.7                       | 74.4                         |
| 6SS9 (L1)                           | Describe the single transformation performed on a 2-D shape  | 78.7                     | 79.5                       | 80.4                         |
| 6SS7 (L2)                           | Identify the successive transformations performed to create a design   | 60.2                     | 64.7                       | 66.2                         |
|                                     |  |                          |                            |                              |



(Item Analysis: % of content answered correctly)

#### NLESD - Eastern Region

School #: 246 Swift Current Academy, Swift Current

Grades: K-12

| Outcome(s)<br>Cognitive Level       | Outcome Description  | School<br>[N=2]         | <b>Region</b><br>[N=2,877] | Province<br>[N=4,875] |
|-------------------------------------|--|-------------------------|----------------------------|-----------------------|
| Number Concepts                     |  |                         |                            |                       |
| 6N1 (L1)                            | Identify the value of a digit in a given number                              |                         | 67.5                       | 68.2                  |
| 6N1 (L2)                            | Demonstrate an understanding of place value through base ten representations | School data             | 37.4                       | 38.1                  |
| 6N5 (L1)                            | Write and interpret ratios comparing part-to-whole                           | with 5 or               | 59.6                       | 59.7                  |
| 6N5 (L2)                            | Demonstrate an understanding of equivalent ratios                            | fewer                   | 46.6                       | 48.4                  |
| 6N6 (L1)                            | Demonstrate an understanding of percent as ratio                             | students                | 50.2                       | 50.0                  |
| 6N6 (L3)                            | Demonstrate an understanding of percent as ratio                             | withheld for reasons of | 84.4                       | 84.1                  |
| 6N3 (L2)                            | Distinguish between prime and composite numbers                              | confidentiality         | 52.9                       | 54.8                  |
| 6N3 (L2)                            | Determine factors of a given number  |                         | 64.7                       | 66.3                  |
| 6N4 (L1)                            | Place an improper fraction on a number line                                  |                         | 36.8                       | 38.2                  |
| 6N7 (L3)                            | Select integer that best fits description                                    |                         | 72.3                       | 71.9                  |
| Number Operations                   |  |                         |                            |                       |
| 6N8 (L2)                            | Compute products of whole numbers and decimals                               |                         | 81.9                       | 83.1                  |
| 6N2, 6N8 (L2)                       | Compute quotients of whole numbers and decimals                              |                         | 63.5                       | 64.5                  |
| 6N8 (L3)                            | Place decimal in correct position in a product of whole numbers and decimals |                         | 83.0                       | 83.8                  |
| 6N2, 6N8 (L2)                       | Solve a problem that involves division of decimals                           |                         | 70.8                       | 71.0                  |
| 6N2, 6N8 (L2)                       | Solve a problem that involves multiplication of decimals                     |                         | 64.0                       | 64.1                  |
| 6N2 (L2)                            | Estimate the solution to a subtraction problem                               |                         | 53.6                       | 53.4                  |
| 6N2 (L3)                            | Determine number expression represented by base ten blocks                   |                         | 55.7                       | 56.7                  |
| 6N9 (L3)                            | Apply the order of operations to solve a problem                             |                         | 48.9                       | 50.1                  |
| 6N9 (L2)                            | Apply the order of operations to solve a problem                             |                         | 48.4                       | 49.7                  |
| Patterns and Relations<br>6PR1 (L2) | Identify the value of an unknown term in a table of values                   |                         | 84.0                       | 84.2                  |
| 6PR1 (L3)                           |  |                         |                            |                       |
|                                     | Identify an error in a given table of values                                 |                         | 87.9                       | 87.9                  |
| 6PR1, 6PR3 (L2)                     | Write a mathematical expression for a situation                              |                         | 23.3                       | 24.4                  |
| 6PR3 (L2)                           | Represent a pattern rule using a simple mathematical expression              | _                       | 51.2                       | 53.5                  |
| 6PR3 (L2)                           | Extend a pattern that is shown on a line graph                               |                         | 76.2                       | 75.9                  |
| 6PR4 (L2)                           | Identifying an equivalent equation for a given equation                      |                         | 50.0<br>28.4               | 50.3<br>28.9          |
| 6PR4 (L2)<br>6PR1, 6PR2 (L2)        | Identifying an equivalent equation for a given model                         |                         | 28.4                       | 31.9                  |
| Shape and Space                     | Determine a mathematical expression for a situation and a table of values    |                         | 23.4                       | 01.0                  |
| 6SS1 (L1)                           | Classify a given angle according to its measure                              |                         | 82.1                       | 82.5                  |
| 6SS1 (L1)                           | Estimate the measure of an angle   |                         | 85.8                       | 85.9                  |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a triangle is 180°                 |                         | 72.0                       | 72.7                  |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a quadrilateral is 360°            |                         | 74.5                       | 74.4                  |
| 6SS3 (L2)                           | Find the perimeter and area of a given polygon                               | 100.0                   | 58.4                       | 59.2                  |
| 6SS3 (L1)                           | Find the volume of a given rectangular prism                                 | 100.0                   | 41.8                       | 43.1                  |
| 6SS4 (L1)                           | Identify a given triangle according to its angle measures                    | 100.0                   | 62.2                       | 63.5                  |
| 6SS5 (L2)                           | Sort a given set of polygons according to given attributes                   | 100.0                   | 56.3                       | 57.4                  |
| 6SS4, 6SS5 (L1)                     | Identify congruent triangles   | 100.0                   | 75.1                       | 77.1                  |
| 6SS8 (L1)                           | Identify the coordinates of two given points on a Cartesian plane            | 100.0                   | 67.4                       | 68.9                  |
|                                     | Describe the combined transformations performed on a 2-D shape               | 100.0                   | 73.7                       | 74.4                  |
| 6SS6 (L1)<br>6SS9 (L1)              |  |                         |                            |                       |
|                                     | Describe the single transformation performed on a 2-D shape                  | 100.0                   | 79.5                       | 80.4                  |
| 6SS7 (L2)                           | Identify the successive transformations performed to create a design         | 100.0                   | 64.7                       | 66.2                  |

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Source: Division of Evaluation and Research, Department of Education and Early Childhood Development Mushuau Innu Natuashish and Peenamin McKenzie School are excluded from district and provincial results.



(Item Analysis: % of content answered correctly)

#### NLESD - Eastern Region

### School #: 248 Amalgamated Academy, Bay Roberts

Grades: 4-9

| Outcome(s)<br>Cognitive Level       | Outcome Description   | School<br>[N=88] | <b>Region</b><br>[N=2,877] | <b>Province</b><br>[N=4,875] |
|-------------------------------------|---|------------------|----------------------------|------------------------------|
| Number Concepts                     |   |                  |                            |                              |
| 6N1 (L1)                            | Identify the value of a digit in a given number   | 64.7             | 67.5                       | 68.2                         |
| 6N1 (L2)                            | Demonstrate an understanding of place value through base ten representations                                      | 44.7             | 37.4                       | 38.1                         |
| 6N5 (L1)                            | Write and interpret ratios comparing part-to-whole  | 54.1             | 59.6                       | 59.7                         |
| 6N5 (L2)                            | Demonstrate an understanding of equivalent ratios   | 55.3             | 46.6                       | 48.4                         |
| 6N6 (L1)                            | Demonstrate an understanding of percent as ratio  | 45.9             | 50.2                       | 50.0                         |
| 6N6 (L3)                            | Demonstrate an understanding of percent as ratio  | 84.7             | 84.4                       | 84.1                         |
| 6N3 (L2)                            | Distinguish between prime and composite numbers   | 56.5             | 52.9                       | 54.8                         |
| 6N3 (L2)                            | Determine factors of a given number   | 60.0             | 64.7                       | 66.3                         |
| 6N4 (L1)                            | Place an improper fraction on a number line   | 42.4             | 36.8                       | 38.2                         |
| 6N7 (L3)                            | Select integer that best fits description   | 78.8             | 72.3                       | 71.9                         |
| Number Operations                   |   |                  |                            |                              |
| 6N8 (L2)                            | Compute products of whole numbers and decimals  | 85.7             | 81.9                       | 83.1                         |
| 6N2, 6N8 (L2)                       | Compute quotients of whole numbers and decimals   | 71.4             | 63.5                       | 64.5                         |
| 6N8 (L3)                            | Place decimal in correct position in a product of whole numbers and decimals                                      | 81.0             | 83.0                       | 83.8                         |
| 6N2, 6N8 (L2)                       | Solve a problem that involves division of decimals  | 79.8             | 70.8                       | 71.0                         |
| 6N2, 6N8 (L2)                       | Solve a problem that involves multiplication of decimals  | 54.8             | 64.0                       | 64.1                         |
| 6N2 (L2)                            | Estimate the solution to a subtraction problem  | 48.8             | 53.6                       | 53.4                         |
| 6N2 (L3)                            | Determine number expression represented by base ten blocks  | 56.0             | 55.7                       | 56.7                         |
| 6N9 (L3)                            | Apply the order of operations to solve a problem  | 42.9             | 48.9                       | 50.1                         |
| 6N9 (L2)                            | Apply the order of operations to solve a problem  | 64.3             | 48.4                       | 49.7                         |
| Patterns and Relations<br>6PR1 (L2) | Identify the value of an unknown term in a table of values  | 83.7             | 84.0                       | 84.2                         |
| 6PR1 (L3)                           | Identify an error in a given table of values  | 83.7             | 87.9                       | 87.9                         |
| 6PR1, 6PR3 (L2)                     | Write a mathematical expression for a situation   | 14.0             |                            |                              |
| 6PR3 (L2)                           |   | 47.7             | 23.3<br>51.2               | 24.4<br>53.5                 |
| 6PR3 (L2)                           | Represent a pattern rule using a simple mathematical expression<br>Extend a pattern that is shown on a line graph | 80.2             | 76.2                       | 75.9                         |
| 6PR4 (L2)                           | Identifying an equivalent equation for a given equation   | 30.2             | 50.0                       | 50.3                         |
| 6PR4 (L2)                           | Identifying an equivalent equation for a given model  | 39.5             | 28.4                       | 28.9                         |
| 6PR1, 6PR2 (L2)                     | Determine a mathematical expression for a situation and a table of values   | 25.6             | 29.4                       | 31.9                         |
| Shape and Space                     |   |                  |                            |                              |
| 6SS1 (L1)                           | Classify a given angle according to its measure   | 88.2             | 82.1                       | 82.5                         |
| 6SS1 (L1)                           | Estimate the measure of an angle  | 87.1             | 85.8                       | 85.9                         |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a triangle is 180°  | 67.1             | 72.0                       | 72.7                         |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a quadrilateral is 360°   | 64.7             | 74.5                       | 74.4                         |
| 6SS3 (L2)                           | Find the perimeter and area of a given polygon  | 60.0             | 58.4                       | 59.2                         |
| 6SS3 (L1)                           | Find the volume of a given rectangular prism  | 45.9             | 41.8                       | 43.1                         |
| 6SS4 (L1)                           | Identify a given triangle according to its angle measures   | 70.6             | 62.2                       | 63.5                         |
| 6SS5 (L2)                           | Sort a given set of polygons according to given attributes  | 44.7             | 56.3                       | 57.4                         |
| 6SS4, 6SS5 (L1)                     | Identify congruent triangles  | 89.4             | 75.1                       | 77.1                         |
| 6SS8 (L1)                           | Identify the coordinates of two given points on a Cartesian plane   | 64.7             | 67.4                       | 68.9                         |
| 6SS6 (L1)                           | Describe the combined transformations performed on a 2-D shape  | 71.8             | 73.7                       | 74.4                         |
| 6SS9 (L1)                           | Describe the single transformation performed on a 2-D shape   | 75.3             | 79.5                       | 80.4                         |
| 6SS7 (L2)                           | Identify the successive transformations performed to create a design  | 64.7             | 64.7                       | 66.2                         |
|                                     |   | I                | 1                          | 1                            |

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Source: Division of Evaluation and Research, Department of Education and Early Childhood Development Mushuau Innu Natuashish and Peenamin McKenzie School are excluded from district and provincial results.



(Item Analysis: % of content answered correctly)

#### NLESD - Eastern Region

School #: 258 Holy Family Elementary, Chapel Arm

| Grades: | K-6 |
|---------|-----|
|         |     |

| Outcome(s)<br>Cognitive Level      | Outcome Description  | School<br>[N=22] | <b>Region</b><br>[N=2,877] | <b>Province</b><br>[N=4,875] |
|------------------------------------|--|------------------|----------------------------|------------------------------|
| Number Concepts                    |  |                  |                            |                              |
| 6N1 (L1)                           | Identify the value of a digit in a given number                              | 71.4             | 67.5                       | 68.2                         |
| 6N1 (L2)                           | Demonstrate an understanding of place value through base ten representations | 42.9             | 37.4                       | 38.1                         |
| 6N5 (L1)                           | Write and interpret ratios comparing part-to-whole                           | 57.1             | 59.6                       | 59.7                         |
| 6N5 (L2)                           | Demonstrate an understanding of equivalent ratios                            | 38.1             | 46.6                       | 48.4                         |
| 6N6 (L1)                           | Demonstrate an understanding of percent as ratio                             | 52.4             | 50.2                       | 50.0                         |
| 6N6 (L3)                           | Demonstrate an understanding of percent as ratio                             | 81.0             | 84.4                       | 84.1                         |
| 6N3 (L2)                           | Distinguish between prime and composite numbers                              | 38.1             | 52.9                       | 54.8                         |
| 6N3 (L2)                           | Determine factors of a given number  | 85.7             | 64.7                       | 66.3                         |
| 6N4 (L1)                           | Place an improper fraction on a number line                                  | 42.9             | 36.8                       | 38.2                         |
| 6N7 (L3)                           | Select integer that best fits description                                    | 76.2             | 72.3                       | 71.9                         |
| Number Operations                  |  |                  |                            |                              |
| 6N8 (L2)                           | Compute products of whole numbers and decimals                               | 66.7             | 81.9                       | 83.1                         |
| 6N2, 6N8 (L2)                      | Compute quotients of whole numbers and decimals                              | 52.4             | 63.5                       | 64.5                         |
| 6N8 (L3)                           | Place decimal in correct position in a product of whole numbers and decimals | 76.2             | 83.0                       | 83.8                         |
| 6N2, 6N8 (L2)                      | Solve a problem that involves division of decimals                           | 61.9             | 70.8                       | 71.0                         |
| 6N2, 6N8 (L2)                      | Solve a problem that involves multiplication of decimals                     | 47.6             | 64.0                       | 64.1                         |
| 6N2 (L2)                           | Estimate the solution to a subtraction problem                               | 38.1             | 53.6                       | 53.4                         |
| 6N2 (L3)                           | Determine number expression represented by base ten blocks                   | 42.9             | 55.7                       | 56.7                         |
| 6N9 (L3)                           | Apply the order of operations to solve a problem                             | 33.3             | 48.9                       | 50.1                         |
| 6N9 (L2)                           | Apply the order of operations to solve a problem                             | 76.2             | 48.4                       | 49.7                         |
| Patterns and Relations 6PR1 (L2)   | Identify the value of an unknown term in a table of values                   | 77.3             | 84.0                       | 84.2                         |
| 6PR1 (L3)                          | Identify an error in a given table of values                                 | 77.3             | 87.9                       | 87.9                         |
| 6PR1, 6PR3 (L2)                    | Write a mathematical expression for a situation                              | 0.0              | 23.3                       | 24.4                         |
| 6PR3 (L2)                          | Represent a pattern rule using a simple mathematical expression              | 36.4             | 51.2                       | 53.5                         |
| 6PR3 (L2)                          | Extend a pattern that is shown on a line graph                               | 86.4             | 76.2                       | 75.9                         |
| 6PR4 (L2)                          | Identifying an equivalent equation for a given equation                      | 45.5             | 50.0                       | 50.3                         |
| 6PR4 (L2)                          | Identifying an equivalent equation for a given model                         | 13.6             | 28.4                       | 28.9                         |
| 6PR1, 6PR2 (L2)<br>Shape and Space | Determine a mathematical expression for a situation and a table of values    | 4.6              | 29.4                       | 31.9                         |
| 6SS1 (L1)                          | Classify a given angle according to its measure                              | 72.7             | 82.1                       | 82.5                         |
| 6SS1 (L1)                          | Estimate the measure of an angle   | 77.3             | 85.8                       | 85.9                         |
| 6SS2 (L2)                          | Demonstrate the sum of interior angles of a triangle is 180°                 | 59.1             | 72.0                       | 72.7                         |
| 6SS2 (L2)                          | Demonstrate the sum of interior angles of a guadrilateral is 360°            | 63.6             | 74.5                       | 74.4                         |
| 6SS3 (L2)                          | Find the perimeter and area of a given polygon                               | 45.5             | 58.4                       | 59.2                         |
| 6SS3 (L1)                          | Find the volume of a given rectangular prism                                 | 18.2             | 41.8                       | 43.1                         |
| 6SS4 (L1)                          | Identify a given triangle according to its angle measures                    | 54.6             | 62.2                       | 63.5                         |
| 6SS5 (L2)                          | Sort a given set of polygons according to given attributes                   | 45.5             | 56.3                       | 57.4                         |
| 6SS4, 6SS5 (L1)                    | Identify congruent triangles   | 77.3             | 75.1                       | 77.1                         |
| 6SS8 (L1)                          | Identify the coordinates of two given points on a Cartesian plane            | 59.1             | 67.4                       | 68.9                         |
| 6SS6 (L1)                          | Describe the combined transformations performed on a 2-D shape               | 81.8             | 73.7                       | 74.4                         |
| 6SS9 (L1)                          | Describe the single transformation performed on a 2-D shape                  |                  |                            |                              |
| 6SS7 (L2)                          | Identify the successive transformations performed to create a design         | 54.6             | 79.5<br>64.7               | 80.4<br>66.2                 |
| 0:\CRT14\MATH_6\MT14               |  | 04.0             | 04.7                       | 00.2                         |

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Source: Division of Evaluation and Research, Department of Education and Early Childhood Development



(Item Analysis: % of content answered correctly)

#### NLESD - Eastern Region

School #: 260 Immaculate Conception Elementary, Colliers

Grades: K-6

| Outcome(s)<br>Cognitive Level      | Outcome Description  | School<br>[N=12] | <b>Region</b><br>[N=2,877] | <b>Province</b><br>[N=4,875] |
|------------------------------------|--|------------------|----------------------------|------------------------------|
| Number Concepts                    |  | []               |                            |                              |
|                                    |  | 66.7             | 67.5                       | 68.2                         |
| 6N1 (L1)                           | Identify the value of a digit in a given number                              | 66.7             | 67.5                       |                              |
| 6N1 (L2)                           | Demonstrate an understanding of place value through base ten representations | 33.3             | 37.4                       | 38.1                         |
| 6N5 (L1)                           | Write and interpret ratios comparing part-to-whole                           | 66.7             | 59.6                       | 59.7                         |
| 6N5 (L2)                           | Demonstrate an understanding of equivalent ratios                            | 66.7             | 46.6                       | 48.4                         |
| 6N6 (L1)                           | Demonstrate an understanding of percent as ratio                             | 66.7             | 50.2                       | 50.0                         |
| 6N6 (L3)                           | Demonstrate an understanding of percent as ratio                             | 66.7             | 84.4                       | 84.1                         |
| 6N3 (L2)                           | Distinguish between prime and composite numbers                              | 75.0             | 52.9                       | 54.8                         |
| 6N3 (L2)                           | Determine factors of a given number  | 75.0             | 64.7                       | 66.3                         |
| 6N4 (L1)                           | Place an improper fraction on a number line                                  | 58.3             | 36.8                       | 38.2                         |
| 6N7 (L3)                           | Select integer that best fits description                                    | 75.0             | 72.3                       | 71.9                         |
| Number Operations                  |  |                  |                            |                              |
| 6N8 (L2)                           | Compute products of whole numbers and decimals                               | 83.3             | 81.9                       | 83.1                         |
| 6N2, 6N8 (L2)                      | Compute quotients of whole numbers and decimals                              | 75.0             | 63.5                       | 64.5                         |
| 6N8 (L3)                           | Place decimal in correct position in a product of whole numbers and decimals | 83.3             | 83.0                       | 83.8                         |
| 6N2, 6N8 (L2)                      | Solve a problem that involves division of decimals                           | 58.3             | 70.8                       | 71.0                         |
| 6N2, 6N8 (L2)                      | Solve a problem that involves multiplication of decimals                     | 75.0             | 64.0                       | 64.1                         |
| 6N2 (L2)                           | Estimate the solution to a subtraction problem                               | 50.0             | 53.6                       | 53.4                         |
| 6N2 (L3)                           | Determine number expression represented by base ten blocks                   | 58.3             | 55.7                       | 56.7                         |
| 6N9 (L3)                           | Apply the order of operations to solve a problem                             | 58.3             | 48.9                       | 50.1                         |
| 6N9 (L2)                           | Apply the order of operations to solve a problem                             | 33.3             | 48.4                       | 49.7                         |
| Patterns and Relations             | Identify the value of an university term in a table of values                | 75.0             | 04.0                       | 04.0                         |
| 6PR1 (L2)                          | Identify the value of an unknown term in a table of values                   | 75.0             | 84.0                       | 84.2                         |
| 6PR1 (L3)                          | Identify an error in a given table of values                                 | 100.0            | 87.9                       | 87.9                         |
| 6PR1, 6PR3 (L2)                    | Write a mathematical expression for a situation                              | 33.3             | 23.3                       | 24.4                         |
| 6PR3 (L2)                          | Represent a pattern rule using a simple mathematical expression              | 58.3             | 51.2                       | 53.5                         |
| 6PR3 (L2)                          | Extend a pattern that is shown on a line graph                               | 83.3             | 76.2                       | 75.9                         |
| 6PR4 (L2)                          | Identifying an equivalent equation for a given equation                      | 75.0             | 50.0                       | 50.3                         |
| 6PR4 (L2)                          | Identifying an equivalent equation for a given model                         | 50.0             | 28.4                       | 28.9                         |
| 6PR1, 6PR2 (L2)<br>Shape and Space | Determine a mathematical expression for a situation and a table of values    | 66.7             | 29.4                       | 31.9                         |
|                                    |  | 04.7             | 00.4                       | 005                          |
| 6SS1 (L1)                          | Classify a given angle according to its measure                              | 91.7             | 82.1                       | 82.5                         |
| 6SS1 (L1)                          | Estimate the measure of an angle   | 91.7             | 85.8                       | 85.9                         |
| 6SS2 (L2)                          | Demonstrate the sum of interior angles of a triangle is 180°                 | 83.3             | 72.0                       | 72.7                         |
| 6SS2 (L2)                          | Demonstrate the sum of interior angles of a quadrilateral is 360°            | 83.3             | 74.5                       | 74.4                         |
| 6SS3 (L2)                          | Find the perimeter and area of a given polygon                               | 50.0             | 58.4                       | 59.2                         |
| 6SS3 (L1)                          | Find the volume of a given rectangular prism                                 | 33.3             | 41.8                       | 43.1                         |
| 6SS4 (L1)                          | Identify a given triangle according to its angle measures                    | 66.7             | 62.2                       | 63.5                         |
| 6SS5 (L2)                          | Sort a given set of polygons according to given attributes                   | 66.7             | 56.3                       | 57.4                         |
| 6SS4, 6SS5 (L1)                    | Identify congruent triangles   | 91.7             | 75.1                       | 77.1                         |
| 6SS8 (L1)                          | Identify the coordinates of two given points on a Cartesian plane            | 100.0            | 67.4                       | 68.9                         |
| 6SS6 (L1)                          | Describe the combined transformations performed on a 2-D shape               | 100.0            | 73.7                       | 74.4                         |
| 6SS9 (L1)                          | Describe the single transformation performed on a 2-D shape                  | 83.3             | 79.5                       | 80.4                         |
| 6SS7 (L2)                          | Identify the successive transformations performed to create a design         | 83.3             | 64.7                       | 66.2                         |
|                                    |  | •                |                            | -                            |



(Item Analysis: % of content answered correctly)

#### NLESD - Eastern Region

School #: 262 Woodland Elementary, Dildo

Grades: K-6

| Outcome(s)<br>Cognitive Level             | Outcome Description  | <b>School</b><br>[N=26] | <b>Region</b><br>[N=2,877] | <b>Province</b><br>[N=4,875] |
|---|--|-------------------------|----------------------------|------------------------------|
| Number Concepts                           |  |                         |                            |                              |
| 6N1 (L1)                                  | Identify the value of a digit in a given number                              | 84.6                    | 67.5                       | 68.2                         |
| 6N1 (L2)                                  | Demonstrate an understanding of place value through base ten representations | 38.5                    | 37.4                       | 38.1                         |
| 6N5 (L1)                                  | Write and interpret ratios comparing part-to-whole                           | 69.2                    | 59.6                       | 59.7                         |
| 6N5 (L2)                                  | Demonstrate an understanding of equivalent ratios                            | 42.3                    | 46.6                       | 48.4                         |
| 6N6 (L1)                                  | Demonstrate an understanding of percent as ratio                             | 30.8                    | 50.2                       | 50.0                         |
| 6N6 (L3)                                  | Demonstrate an understanding of percent as ratio                             | 84.6                    | 84.4                       | 84.1                         |
| 6N3 (L2)                                  | Distinguish between prime and composite numbers                              | 84.6                    | 52.9                       | 54.8                         |
| 6N3 (L2)                                  | Determine factors of a given number  | 61.5                    | 64.7                       | 66.3                         |
| 6N4 (L1)                                  | Place an improper fraction on a number line                                  | 15.4                    | 36.8                       | 38.2                         |
| 6N7 (L3)                                  | Select integer that best fits description                                    | 69.2                    | 72.3                       | 71.9                         |
| Number Operations                         |  |                         |                            |                              |
| 6N8 (L2)                                  | Compute products of whole numbers and decimals                               | 88.0                    | 81.9                       | 83.1                         |
| 6N2, 6N8 (L2)                             | Compute quotients of whole numbers and decimals                              | 72.0                    | 63.5                       | 64.5                         |
| 6N8 (L3)                                  | Place decimal in correct position in a product of whole numbers and decimals | 84.0                    | 83.0                       | 83.8                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves division of decimals                           | 72.0                    | 70.8                       | 71.0                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves multiplication of decimals                     | 60.0                    | 64.0                       | 64.1                         |
| 6N2 (L2)                                  | Estimate the solution to a subtraction problem                               | 56.0                    | 53.6                       | 53.4                         |
| 6N2 (L3)                                  | Determine number expression represented by base ten blocks                   | 72.0                    | 55.7                       | 56.7                         |
| 6N9 (L3)                                  | Apply the order of operations to solve a problem                             | 64.0                    | 48.9                       | 50.1                         |
| 6N9 (L2)                                  | Apply the order of operations to solve a problem                             | 84.0                    | 48.4                       | 49.7                         |
| Patterns and Relations                    |  |                         |                            |                              |
| 6PR1 (L2)                                 | Identify the value of an unknown term in a table of values                   | 92.3                    | 84.0                       | 84.2                         |
| 6PR1 (L3)                                 | Identify an error in a given table of values                                 | 76.9                    | 87.9                       | 87.9                         |
| 6PR1, 6PR3 (L2)                           | Write a mathematical expression for a situation                              | 34.6                    | 23.3                       | 24.4                         |
| 6PR3 (L2)                                 | Represent a pattern rule using a simple mathematical expression              | 61.5                    | 51.2                       | 53.5                         |
| 6PR3 (L2)                                 | Extend a pattern that is shown on a line graph                               | 80.8                    | 76.2                       | 75.9                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given equation                      | 46.2                    | 50.0                       | 50.3                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given model                         | 30.8<br>61.5            | 28.4                       | 28.9<br>31.9                 |
| 6PR1, 6PR2 (L2)<br><u>Shape and Space</u> | Determine a mathematical expression for a situation and a table of values    | 01.5                    | 29.4                       | 51.5                         |
| 6SS1 (L1)                                 | Classify a given angle according to its measure                              | 88.5                    | 82.1                       | 82.5                         |
| 6SS1 (L1)                                 | Estimate the measure of an angle   | 76.9                    | 85.8                       | 85.9                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a triangle is 180°                 | 73.1                    | 72.0                       | 72.7                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a quadrilateral is 360°            | 88.5                    | 74.5                       | 74.4                         |
| 6SS3 (L2)                                 | Find the perimeter and area of a given polygon                               | 61.5                    | 58.4                       | 59.2                         |
| 6SS3 (L1)                                 | Find the volume of a given rectangular prism                                 | 34.6                    | 41.8                       | 43.1                         |
| 6SS4 (L1)                                 | Identify a given triangle according to its angle measures                    | 76.9                    | 62.2                       | 63.5                         |
| 6SS5 (L2)                                 | Sort a given set of polygons according to given attributes                   | 53.9                    | 56.3                       | 57.4                         |
| 6SS4, 6SS5 (L1)                           | Identify congruent triangles   | 65.4                    | 75.1                       | 77.1                         |
| 6SS8 (L1)                                 | Identify the coordinates of two given points on a Cartesian plane            | 42.3                    | 67.4                       | 68.9                         |
| 6SS6 (L1)                                 | Describe the combined transformations performed on a 2-D shape               | 69.2                    | 73.7                       | 74.4                         |
| 6SS9 (L1)                                 | Describe the single transformation performed on a 2-D shape                  | 76.9                    | 79.5                       | 80.4                         |
| 6SS7 (L2)                                 | Identify the successive transformations performed to create a design         | 61.5                    | 64.7                       | 66.2                         |
|   |  |                         |                            |                              |

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Source: Division of Evaluation and Research, Department of Education and Early Childhood Development Mushuau Innu Natuashish and Peenamin McKenzie School are excluded from district and provincial results.



(Item Analysis: % of content answered correctly)

#### NLESD - Eastern Region

### School #: 265 Acreman Elementary, Green's Harbour

Grades: K-6

| Outcome(s)   |   | School   | Region   | Province   |
|--|---|--|--|--|
| Cognitive Level  | Outcome Description   | [N=15]   | [N=2,877]  | [N=4,875]  |
| Number Concepts  |   |  |  |  |
| 6N1 (L1)   | Identify the value of a digit in a given number   | 80.0   | 67.5   | 68.2   |
| 6N1 (L2)   | Demonstrate an understanding of place value through base ten representations  | 53.3   | 37.4   | 38.1   |
| 6N5 (L1)   | Write and interpret ratios comparing part-to-whole  | 80.0   | 59.6   | 59.7   |
| 6N5 (L2)   | Demonstrate an understanding of equivalent ratios   | 40.0   | 46.6   | 48.4   |
| 6N6 (L1)   | Demonstrate an understanding of percent as ratio  | 40.0   | 50.2   | 50.0   |
| 6N6 (L3)   | Demonstrate an understanding of percent as ratio  | 73.3   | 84.4   | 84.1   |
| 6N3 (L2)   | Distinguish between prime and composite numbers   | 80.0   | 52.9   | 54.8   |
| 6N3 (L2)   | Determine factors of a given number   | 46.7   | 64.7   | 66.3   |
| 6N4 (L1)   | Place an improper fraction on a number line   | 46.7   | 36.8   | 38.2   |
| 6N7 (L3)   | Select integer that best fits description   | 60.0   | 72.3   | 71.9   |
| Number Operations  |   |  |  |  |
| 6N8 (L2)   | Compute products of whole numbers and decimals  | 73.3   | 81.9   | 83.1   |
| 6N2, 6N8 (L2)  | Compute quotients of whole numbers and decimals   | 73.3   | 63.5   | 64.5   |
| 6N8 (L3)   | Place decimal in correct position in a product of whole numbers and decimals  | 80.0   | 83.0   | 83.8   |
| 6N2, 6N8 (L2)  | Solve a problem that involves division of decimals  | 73.3   | 70.8   | 71.0   |
| 6N2, 6N8 (L2)  | Solve a problem that involves multiplication of decimals  | 80.0   | 64.0   | 64.1   |
| 6N2 (L2)   | Estimate the solution to a subtraction problem  | 26.7   | 53.6   | 53.4   |
| 6N2 (L3)   | Determine number expression represented by base ten blocks  | 66.7   | 55.7   | 56.7   |
| 6N9 (L3)   | Apply the order of operations to solve a problem  | 20.0   | 48.9   | 50.1   |
| 6N9 (L2)   | Apply the order of operations to solve a problem  | 20.0   | 48.4   | 49.7   |
| Patterns and Relations   |   |  |  |  |
| 6PR1 (L2)  | Identify the value of an unknown term in a table of values  | 80.0   | 84.0   | 84.2   |
| 6PR1 (L3)  | Identify an error in a given table of values  | 93.3   | 87.9   | 87.9   |
| 6PR1, 6PR3 (L2)  | Write a mathematical expression for a situation   | 20.0   | 23.3   | 24.4   |
| 6PR3 (L2)  | Represent a pattern rule using a simple mathematical expression   | 53.3   | 51.2   | 53.5   |
| 6PR3 (L2)  | Extend a pattern that is shown on a line graph  | 66.7   | 76.2   | 75.9   |
| 6PR4 (L2)  | Identifying an equivalent equation for a given equation   | 46.7   | 50.0   | 50.3   |
| 6PR4 (L2)  | Identifying an equivalent equation for a given model  | 26.7   | 28.4   |  |
|  |   |  |  | 28.9   |
| 6PR1, 6PR2 (L2)  | Determine a mathematical expression for a situation and a table of values   | 33.3   | 29.4   | 28.9<br>31.9   |
| Shape and Space  |   | 33.3   | 29.4   |  |
| Shape and Space<br>6SS1 (L1)   | Determine a mathematical expression for a situation and a table of values<br>Classify a given angle according to its measure  | 33.3<br>93.3   | 29.4<br>82.1   | 31.9<br>82.5   |
| Shape and Space<br>6SS1 (L1)<br>6SS1 (L1)  | Determine a mathematical expression for a situation and a table of values Classify a given angle according to its measure Estimate the measure of an angle  | 33.3   | 29.4   | 31.9   |
| Shape and Space           6SS1 (L1)           6SS1 (L1)           6SS2 (L2)  | Determine a mathematical expression for a situation and a table of values Classify a given angle according to its measure Estimate the measure of an angle Demonstrate the sum of interior angles of a triangle is 180°   | 93.3<br>93.3<br>93.3<br>73.3   | 29.4<br>82.1<br>85.8<br>72.0   | 31.9<br>82.5<br>85.9<br>72.7   |
| Shape and Space           6SS1 (L1)           6SS1 (L1)           6SS2 (L2)           6SS2 (L2)  | Determine a mathematical expression for a situation and a table of values Classify a given angle according to its measure Estimate the measure of an angle Demonstrate the sum of interior angles of a triangle is 180° Demonstrate the sum of interior angles of a quadrilateral is 360°   | 33.3<br>93.3<br>93.3<br>73.3<br>73.3   | 29.4<br>82.1<br>85.8<br>72.0<br>74.5   | 31.9<br>82.5<br>85.9<br>72.7<br>74.4   |
| Shape and Space           6SS1 (L1)           6SS1 (L1)           6SS2 (L2)           6SS3 (L2)  | Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon  | 33.3<br>93.3<br>93.3<br>73.3<br>73.3<br>86.7   | 29.4<br>82.1<br>85.8<br>72.0<br>74.5<br>58.4   | 31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2   |
| Shape and Space           6SS1 (L1)           6SS1 (L1)           6SS2 (L2)           6SS2 (L2)           6SS3 (L2)           6SS3 (L1)  | Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism   | 33.3<br>93.3<br>93.3<br>73.3<br>73.3<br>86.7<br>26.7   | 29.4<br>82.1<br>85.8<br>72.0<br>74.5<br>58.4<br>41.8                                 | 31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1                                 |
| Shape and Space           6SS1 (L1)           6SS1 (L1)           6SS2 (L2)           6SS2 (L2)           6SS3 (L2)           6SS3 (L1)           6SS4 (L1)  | Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures   | 33.3           93.3           93.3           73.3           73.3           86.7           26.7           66.7  | 29.4<br>82.1<br>85.8<br>72.0<br>74.5<br>58.4<br>41.8<br>62.2                         | 31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1<br>63.5                         |
| Shape and Space           6SS1 (L1)           6SS1 (L1)           6SS2 (L2)           6SS2 (L2)           6SS3 (L2)           6SS3 (L1)  | Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to given attributes  | 33.3           93.3           93.3           73.3           73.3           86.7           26.7           66.7           60.0                               | 29.4<br>82.1<br>85.8<br>72.0<br>74.5<br>58.4<br>41.8<br>62.2<br>56.3                 | 31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1<br>63.5<br>57.4                 |
| Shape and Space           6SS1 (L1)           6SS1 (L1)           6SS2 (L2)           6SS3 (L2)           6SS3 (L1)           6SS5 (L2)           6SS5 (L1)           6SS4 (L1)           6SS5 (L2)  | Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures         Sort a given set of polygons according to given attributes         Identify congruent triangles   | 33.3           93.3           93.3           73.3           73.3           86.7           26.7           66.7           60.0           66.7                | 29.4<br>82.1<br>85.8<br>72.0<br>74.5<br>58.4<br>41.8<br>62.2<br>56.3<br>75.1         | 31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1<br>63.5<br>57.4<br>77.1         |
| Shape and Space           6SS1 (L1)           6SS1 (L1)           6SS2 (L2)           6SS3 (L2)           6SS3 (L1)           6SS4 (L1)           6SS5 (L2)           6SS4, 6SS5 (L1)           6SS8 (L1)  | Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures         Sort a given set of polygons according to given attributes         Identify congruent triangles         Identify the coordinates of two given points on a Cartesian plane                                   | 33.3           93.3           93.3           73.3           73.3           86.7           26.7           66.7           60.0           66.7           53.3 | 29.4<br>82.1<br>85.8<br>72.0<br>74.5<br>58.4<br>41.8<br>62.2<br>56.3<br>75.1<br>67.4 | 31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1<br>63.5<br>57.4<br>77.1<br>68.9 |
| Shape and Space           6SS1 (L1)           6SS1 (L1)           6SS2 (L2)           6SS3 (L2)           6SS3 (L1)           6SS4 (L1)           6SS4 (L2)           6SS5 (L2)           6SS4 (L1)           6SS4 (L1)           6SS4 (L2)           6SS4 (L1)           6SS4 (SS5 (L1)           6SS6 (L1) | Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures         Sort a given set of polygons according to given attributes         Identify the coordinates of two given points on a Cartesian plane         Describe the combined transformations performed on a 2-D shape | 33.3           93.3           93.3           73.3           73.3           86.7           26.7           66.7           60.0           66.7                | 29.4<br>82.1<br>85.8<br>72.0<br>74.5<br>58.4<br>41.8<br>62.2<br>56.3<br>75.1         | 31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1<br>63.5<br>57.4<br>77.1         |
| Shape and Space           6SS1 (L1)           6SS1 (L1)           6SS2 (L2)           6SS3 (L2)           6SS3 (L1)           6SS4 (L1)           6SS5 (L2)           6SS4, 6SS5 (L1)           6SS8 (L1)  | Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures         Sort a given set of polygons according to given attributes         Identify congruent triangles         Identify the coordinates of two given points on a Cartesian plane                                   | 33.3           93.3           93.3           73.3           73.3           86.7           26.7           66.7           60.0           66.7           53.3 | 29.4<br>82.1<br>85.8<br>72.0<br>74.5<br>58.4<br>41.8<br>62.2<br>56.3<br>75.1<br>67.4 | 31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1<br>63.5<br>57.4<br>77.1<br>68.9 |



(Item Analysis: % of content answered correctly)

#### NLESD - Eastern Region

### School #: 269 St. Francis School, Harbour Grace

| Grades: | K-8 |
|---------|-----|
| oraco.  | 1.0 |

| Outcome(s)<br>Cognitive Level             | Outcome Description  | School<br>[N=37] | <b>Region</b><br>[N=2,877] | <b>Province</b><br>[N=4,875] |
|---|--|------------------|----------------------------|------------------------------|
| Number Concepts                           |  |                  |                            |                              |
| 6N1 (L1)                                  | Identify the value of a digit in a given number                              | 70.6             | 67.5                       | 68.2                         |
| 6N1 (L2)                                  | Demonstrate an understanding of place value through base ten representations | 47.1             | 37.4                       | 38.1                         |
| 6N5 (L1)                                  | Write and interpret ratios comparing part-to-whole                           | 70.6             | 59.6                       | 59.7                         |
| 6N5 (L2)                                  | Demonstrate an understanding of equivalent ratios                            | 55.9             | 46.6                       | 48.4                         |
| 6N6 (L1)                                  | Demonstrate an understanding of percent as ratio                             | 38.2             | 50.2                       | 50.0                         |
| 6N6 (L3)                                  | Demonstrate an understanding of percent as ratio                             | 85.3             | 84.4                       | 84.1                         |
| 6N3 (L2)                                  | Distinguish between prime and composite numbers                              | 35.3             | 52.9                       | 54.8                         |
| 6N3 (L2)                                  | Determine factors of a given number  | 61.8             | 64.7                       | 66.3                         |
| 6N4 (L1)                                  | Place an improper fraction on a number line                                  | 26.5             | 36.8                       | 38.2                         |
| 6N7 (L3)                                  | Select integer that best fits description                                    | 85.3             | 72.3                       | 71.9                         |
| Number Operations                         |  |                  |                            |                              |
| 6N8 (L2)                                  | Compute products of whole numbers and decimals                               | 77.8             | 81.9                       | 83.1                         |
| 6N2, 6N8 (L2)                             | Compute quotients of whole numbers and decimals                              | 52.8             | 63.5                       | 64.5                         |
| 6N8 (L3)                                  | Place decimal in correct position in a product of whole numbers and decimals | 88.9             | 83.0                       | 83.8                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves division of decimals                           | 72.2             | 70.8                       | 71.0                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves multiplication of decimals                     | 52.8             | 64.0                       | 64.1                         |
| 6N2 (L2)                                  | Estimate the solution to a subtraction problem                               | 61.1             | 53.6                       | 53.4                         |
| 6N2 (L3)                                  | Determine number expression represented by base ten blocks                   | 52.8             | 55.7                       | 56.7                         |
| 6N9 (L3)                                  | Apply the order of operations to solve a problem                             | 50.0             | 48.9                       | 50.1                         |
| 6N9 (L2)                                  | Apply the order of operations to solve a problem                             | 52.8             | 48.4                       | 49.7                         |
| Patterns and Relations<br>6PR1 (L2)       | Identify the value of an unknown term in a table of values                   | 91.9             | 84.0                       | 84.2                         |
| 6PR1 (L3)                                 | Identify an error in a given table of values                                 | 86.5             | 87.9                       | 87.9                         |
| 6PR1, 6PR3 (L2)                           | Write a mathematical expression for a situation                              | 27.0             | 23.3                       | 24.4                         |
| 6PR3 (L2)                                 | Represent a pattern rule using a simple mathematical expression              | 51.4             | 51.2                       | 53.5                         |
| 6PR3 (L2)                                 | Extend a pattern that is shown on a line graph                               | 75.7             | 76.2                       | 75.9                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given equation                      | 40.5             | 50.0                       | 50.3                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given model                         | 29.7             | 28.4                       | 28.9                         |
| 6PR1, 6PR2 (L2)<br><u>Shape and Space</u> | Determine a mathematical expression for a situation and a table of values    | 51.4             | 29.4                       | 31.9                         |
| 6SS1 (L1)                                 | Classify a given angle according to its measure                              | 70.3             | 82.1                       | 82.5                         |
| 6SS1 (L1)                                 | Estimate the measure of an angle   | 89.2             | 85.8                       | 85.9                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a triangle is 180°                 | 73.0             | 72.0                       | 72.7                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a quadrilateral is 360°            | 75.7             | 74.5                       | 74.4                         |
| 6SS3 (L2)                                 | Find the perimeter and area of a given polygon                               | 56.8             | 58.4                       | 59.2                         |
| 6SS3 (L1)                                 | Find the volume of a given rectangular prism                                 | 37.8             | 41.8                       | 43.1                         |
| 6SS4 (L1)                                 | Identify a given triangle according to its angle measures                    | 67.6             | 62.2                       | 63.5                         |
| 6SS5 (L2)                                 | Sort a given set of polygons according to given attributes                   | 67.6             | 56.3                       | 57.4                         |
| 6SS4, 6SS5 (L1)                           | Identify congruent triangles   | 78.4             | 75.1                       | 77.1                         |
| 6SS8 (L1)                                 | Identify the coordinates of two given points on a Cartesian plane            | 54.1             | 67.4                       | 68.9                         |
| 6SS6 (L1)                                 | Describe the combined transformations performed on a 2-D shape               | 59.5             | 73.7                       | 74.4                         |
| 6SS9 (L1)                                 | Describe the single transformation performed on a 2-D shape                  | 56.8             | 79.5                       | 80.4                         |
| 6SS7 (L2)                                 | Identify the successive transformations performed to create a design         | 56.8             | 64.7                       | 66.2                         |
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(Item Analysis: % of content answered correctly)

#### NLESD - Eastern Region

### School #: 272 Holy Cross Elementary, Holyrood

| Grades: | K-6 |
|---------|-----|
|         |     |

| Outcome(s)<br>Cognitive Level             | Outcome Description  | School<br>[N=35] | <b>Region</b><br>[N=2,877] | <b>Province</b><br>[N=4,875] |
|---|--|------------------|----------------------------|------------------------------|
| Number Concepts                           |  |                  |                            |                              |
| 6N1 (L1)                                  | Identify the value of a digit in a given number                              | 88.6             | 67.5                       | 68.2                         |
| 6N1 (L2)                                  | Demonstrate an understanding of place value through base ten representations | 48.6             | 37.4                       | 38.1                         |
| 6N5 (L1)                                  | Write and interpret ratios comparing part-to-whole                           | 74.3             | 59.6                       | 59.7                         |
| 6N5 (L2)                                  | Demonstrate an understanding of equivalent ratios                            | 54.3             | 46.6                       | 48.4                         |
| 6N6 (L1)                                  | Demonstrate an understanding of percent as ratio                             | 51.4             | 50.2                       | 50.0                         |
| 6N6 (L3)                                  | Demonstrate an understanding of percent as ratio                             | 88.6             | 84.4                       | 84.1                         |
| 6N3 (L2)                                  | Distinguish between prime and composite numbers                              | 82.9             | 52.9                       | 54.8                         |
| 6N3 (L2)                                  | Determine factors of a given number  | 62.9             | 64.7                       | 66.3                         |
| 6N4 (L1)                                  | Place an improper fraction on a number line                                  | 37.1             | 36.8                       | 38.2                         |
| 6N7 (L3)                                  | Select integer that best fits description                                    | 71.4             | 72.3                       | 71.9                         |
| Number Operations                         |  |                  |                            |                              |
| 6N8 (L2)                                  | Compute products of whole numbers and decimals                               | 94.1             | 81.9                       | 83.1                         |
| 6N2, 6N8 (L2)                             | Compute quotients of whole numbers and decimals                              | 88.2             | 63.5                       | 64.5                         |
| 6N8 (L3)                                  | Place decimal in correct position in a product of whole numbers and decimals | 97.1             | 83.0                       | 83.8                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves division of decimals                           | 94.1             | 70.8                       | 71.0                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves multiplication of decimals                     | 70.6             | 64.0                       | 64.1                         |
| 6N2 (L2)                                  | Estimate the solution to a subtraction problem                               | 64.7             | 53.6                       | 53.4                         |
| 6N2 (L3)                                  | Determine number expression represented by base ten blocks                   | 61.8             | 55.7                       | 56.7                         |
| 6N9 (L3)                                  | Apply the order of operations to solve a problem                             | 52.9             | 48.9                       | 50.1                         |
| 6N9 (L2)                                  | Apply the order of operations to solve a problem                             | 55.9             | 48.4                       | 49.7                         |
| Patterns and Relations<br>6PR1 (L2)       | Identify the value of an unknown term in a table of values                   | 87.9             | 84.0                       | 84.2                         |
| 6PR1 (L3)                                 | Identify an error in a given table of values                                 | 97.0             | 87.9                       | 87.9                         |
| 6PR1, 6PR3 (L2)                           | Write a mathematical expression for a situation                              | 45.5             | 23.3                       | 24.4                         |
| 6PR3 (L2)                                 | Represent a pattern rule using a simple mathematical expression              | 60.6             | 51.2                       | 53.5                         |
| 6PR3 (L2)                                 | Extend a pattern that is shown on a line graph                               | 90.9             | 76.2                       | 75.9                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given equation                      | 60.6             | 50.0                       | 50.3                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given model                         | 63.6             | 28.4                       | 28.9                         |
| 6PR1, 6PR2 (L2)<br><u>Shape and Space</u> | Determine a mathematical expression for a situation and a table of values    | 42.4             | 29.4                       | 31.9                         |
| 6SS1 (L1)                                 | Classify a given angle according to its measure                              | 97.0             | 82.1                       | 82.5                         |
| 6SS1 (L1)                                 | Estimate the measure of an angle   | 93.9             | 85.8                       | 85.9                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a triangle is 180°                 | 81.8             | 72.0                       | 72.7                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a quadrilateral is 360°            | 75.8             | 74.5                       | 74.4                         |
| 6SS3 (L2)                                 | Find the perimeter and area of a given polygon                               | 72.7             | 58.4                       | 59.2                         |
| 6SS3 (L1)                                 | Find the volume of a given rectangular prism                                 | 45.5             | 41.8                       | 43.1                         |
| 6SS4 (L1)                                 | Identify a given triangle according to its angle measures                    | 75.8             | 62.2                       | 63.5                         |
| 6SS5 (L2)                                 | Sort a given set of polygons according to given attributes                   | 51.5             | 56.3                       | 57.4                         |
| 6SS4, 6SS5 (L1)                           | Identify congruent triangles   | 84.9             | 75.1                       | 77.1                         |
| 6SS8 (L1)                                 | Identify the coordinates of two given points on a Cartesian plane            | 72.7             | 67.4                       | 68.9                         |
| 6SS6 (L1)                                 | Describe the combined transformations performed on a 2-D shape               | 84.9             | 73.7                       | 74.4                         |
| 6SS9 (L1)                                 | Describe the single transformation performed on a 2-D shape                  |                  |                            |                              |
| 6SS7 (L2)                                 | Identify the successive transformations performed to create a design         | 66.7             | 79.5<br>64.7               | 80.4<br>66.2                 |
| 0:\CRT14\MATH_6\MT14                      | · · · · ·  | 00.7             | 54.7                       | 00.2                         |

O:\CRT14\MATH\_6\MT14\_6MC\_W.RPT

Source: Division of Evaluation and Research, Department of Education and Early Childhood Development



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# Elementary Mathematics Provincial Assessment, June 2014 School Report - Multiple Choice Items

(Item Analysis: % of content answered correctly)

#### NLESD - Eastern Region

School #: 274 St. Catherine's Academy, Mount Carmel Grades: K-12

| Outcome(s)<br>Cognitive Level  | Outcome Description  | School<br>[N=9]  | <b>Region</b><br>[N=2,877]  | Province<br>[N=4,875]  |
|--|--|--|---|--|
| 0  |  | [14=0]   |   | [11-4,010]   |
| Number Concepts  |  | 77.0   | 67.5  | 69.0   |
| 6N1 (L1)   | Identify the value of a digit in a given number  | 77.8   | 67.5  | 68.2   |
| 6N1 (L2)   | Demonstrate an understanding of place value through base ten representations   | 22.2   | 37.4  | 38.1   |
| 6N5 (L1)   | Write and interpret ratios comparing part-to-whole   | 77.8   | 59.6  | 59.7   |
| 6N5 (L2)   | Demonstrate an understanding of equivalent ratios  | 66.7   | 46.6  | 48.4   |
| 6N6 (L1)   | Demonstrate an understanding of percent as ratio   | 44.4   | 50.2  | 50.0   |
| 6N6 (L3)   | Demonstrate an understanding of percent as ratio   | 77.8   | 84.4  | 84.1   |
| 6N3 (L2)   | Distinguish between prime and composite numbers  | 55.6   | 52.9  | 54.8   |
| 6N3 (L2)   | Determine factors of a given number  | 77.8   | 64.7  | 66.3   |
| 6N4 (L1)   | Place an improper fraction on a number line  | 66.7   | 36.8  | 38.2   |
| 6N7 (L3)   | Select integer that best fits description  | 77.8   | 72.3  | 71.9   |
| Number Operations  |  |  |   |  |
| 6N8 (L2)   | Compute products of whole numbers and decimals   | 100.0  | 81.9  | 83.1   |
| 6N2, 6N8 (L2)  | Compute quotients of whole numbers and decimals  | 88.9   | 63.5  | 64.5   |
| 6N8 (L3)   | Place decimal in correct position in a product of whole numbers and decimals   | 88.9   | 83.0  | 83.8   |
| 6N2, 6N8 (L2)  | Solve a problem that involves division of decimals   | 88.9   | 70.8  | 71.0   |
| 6N2, 6N8 (L2)  | Solve a problem that involves multiplication of decimals   | 77.8   | 64.0  | 64.1   |
| 6N2 (L2)   | Estimate the solution to a subtraction problem   | 77.8   | 53.6  | 53.4   |
| 6N2 (L3)   | Determine number expression represented by base ten blocks   | 77.8   | 55.7  | 56.7   |
| 6N9 (L3)   | Apply the order of operations to solve a problem   | 33.3   | 48.9  | 50.1   |
|  | 11 /   |  |   |  |
| 6N9 (L2)   | Apply the order of operations to solve a problem   | 55.6   | 48.4  | 49.7   |
| 6N9 (L2) Patterns and Relations  | Apply the order of operations to solve a problem   | 55.6   | 48.4  | 49.7   |
|  | Apply the order of operations to solve a problem<br>Identify the value of an unknown term in a table of values   | 88.9   | 48.4  | 49.7<br>84.2   |
| Patterns and Relations   |  |  |   |  |
| Patterns and Relations   | Identify the value of an unknown term in a table of values   | 88.9   | 84.0  | 84.2   |
| Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)   | Identify the value of an unknown term in a table of values<br>Identify an error in a given table of values   | 88.9   | 84.0<br>87.9  | 84.2<br>87.9   |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)   | Identify the value of an unknown term in a table of values<br>Identify an error in a given table of values<br>Write a mathematical expression for a situation  | 88.9<br>77.8<br>55.6   | 84.0<br>87.9<br>23.3  | 84.2<br>87.9<br>24.4   |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression  | 88.9<br>77.8<br>55.6<br>88.9   | 84.0<br>87.9<br>23.3<br>51.2  | 84.2<br>87.9<br>24.4<br>53.5   |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR3 (L2)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph   | 88.9<br>77.8<br>55.6<br>88.9<br>66.7   | 84.0<br>87.9<br>23.3<br>51.2<br>76.2  | 84.2<br>87.9<br>24.4<br>53.5<br>75.9   |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation   | 88.9<br>77.8<br>55.6<br>88.9<br>66.7<br>44.4   | 84.0<br>87.9<br>23.3<br>51.2<br>76.2<br>50.0  | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3   |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)           Shape and Space   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values  | 88.9<br>77.8<br>55.6<br>88.9<br>66.7<br>44.4<br>55.6<br>55.6   | 84.0<br>87.9<br>23.3<br>51.2<br>76.2<br>50.0<br>28.4<br>29.4  | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9   |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)           Shape and Space           6SS1 (L1)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure  | 88.9<br>77.8<br>55.6<br>88.9<br>66.7<br>44.4<br>55.6<br>55.6<br>55.6<br>66.7   | 84.0<br>87.9<br>23.3<br>51.2<br>76.2<br>50.0<br>28.4<br>29.4<br>82.1  | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5   |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)           Shape and Space           6SS1 (L1)           6SS1 (L1)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle   | 88.9<br>77.8<br>55.6<br>88.9<br>66.7<br>44.4<br>55.6<br>55.6<br>55.6<br>66.7<br>88.9   | 84.0<br>87.9<br>23.3<br>51.2<br>76.2<br>50.0<br>28.4<br>29.4  | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9   |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)           Shape and Space           6SS1 (L1)           6SS2 (L2)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°  | 88.9<br>77.8<br>55.6<br>88.9<br>66.7<br>44.4<br>55.6<br>55.6<br>66.7<br>66.7<br>88.9<br>88.9<br>88.9   | 84.0<br>87.9<br>23.3<br>51.2<br>76.2<br>50.0<br>28.4<br>29.4<br>82.1<br>85.8<br>72.0  | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7   |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)           Shape and Space           6SS1 (L1)           6SS2 (L2)           6SS2 (L2)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°  | 88.9<br>77.8<br>55.6<br>88.9<br>66.7<br>44.4<br>55.6<br>55.6<br>55.6<br>66.7<br>88.9<br>88.9<br>88.9<br>77.8   | 84.0<br>87.9<br>23.3<br>51.2<br>76.2<br>50.0<br>28.4<br>29.4<br>82.1<br>85.8  | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9   |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)           Shape and Space           6SS1 (L1)           6SS2 (L2)           6SS3 (L2)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon   | 88.9<br>77.8<br>55.6<br>88.9<br>66.7<br>44.4<br>55.6<br>55.6<br>55.6<br>66.7<br>66.7<br>88.9<br>88.9<br>77.8<br>88.9   | 84.0           87.9           23.3           51.2           76.2           50.0           28.4           29.4           82.1           85.8           72.0           74.5           58.4  | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2   |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)           Shape and Space           6SS1 (L1)           6SS2 (L2)           6SS2 (L2)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism  | 88.9<br>77.8<br>55.6<br>88.9<br>66.7<br>44.4<br>55.6<br>55.6<br>55.6<br>66.7<br>88.9<br>88.9<br>88.9<br>77.8   | 84.0<br>87.9<br>23.3<br>51.2<br>76.2<br>50.0<br>28.4<br>29.4<br>82.1<br>85.8<br>72.0<br>74.5  | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4   |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)           Shape and Space           6SS1 (L1)           6SS2 (L2)           6SS3 (L2)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures  | 88.9           77.8           55.6           88.9           66.7           44.4           55.6           66.7           88.9           66.7           88.9           77.8           88.9           77.8           88.9           77.8           88.9           77.8           44.4   | 84.0           87.9           23.3           51.2           76.2           50.0           28.4           29.4           82.1           85.8           72.0           74.5           58.4           41.8           62.2  | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2   |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)           Shape and Space           6SS1 (L1)           6SS2 (L2)           6SS3 (L2)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism  | 88.9<br>77.8<br>55.6<br>88.9<br>66.7<br>44.4<br>55.6<br>55.6<br>55.6<br>66.7<br>88.9<br>88.9<br>88.9<br>77.8<br>88.9   | 84.0           87.9           23.3           51.2           76.2           50.0           28.4           29.4           82.1           85.8           72.0           74.5           58.4           41.8   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1                                 |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6PR3 (L2)           6PR4 (L2)           6PR4 (L2)           6PR3 (L2)           6SS1 (L1)           6SS2 (L2)           6SS3 (L1)           6SS4 (L1)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures  | 88.9           77.8           55.6           88.9           66.7           44.4           55.6           66.7           88.9           66.7           88.9           77.8           88.9           77.8           88.9           77.8           88.9           77.8           44.4   | 84.0           87.9           23.3           51.2           76.2           50.0           28.4           29.4           82.1           85.8           72.0           74.5           58.4           41.8           62.2  | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1<br>63.5                         |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6SS1 (L1)           6SS3 (L2)           6SS3 (L1)           6SS4 (L1)           6SS5 (L2) | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to given attributes   | 88.9           77.8           55.6           88.9           66.7           44.4           55.6           66.7           88.9           66.7           88.9           77.8           88.9           77.8           88.9           77.8           88.9           77.8           88.9           77.8           84.4           77.8  | 84.0           87.9           23.3           51.2           76.2           50.0           28.4           29.4           82.1           85.8           72.0           74.5           58.4           41.8           62.2           56.3                               | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1<br>63.5<br>57.4                 |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6SS1 (L1)           6SS2 (L2)           6SS3 (L1)           6SS4 (L1)           6SS4 (6SS5 (L1)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures         Sort a given set of polygons according to given attributes         Identify congruent triangles  | 88.9           77.8           55.6           88.9           66.7           44.4           55.6           66.7           88.9           66.7           88.9           77.8           88.9           77.8           88.9           77.8           88.9           77.8           84.4           77.8           66.7   | 84.0           87.9           23.3           51.2           76.2           50.0           28.4           29.4           82.1           85.8           72.0           74.5           58.4           41.8           62.2           56.3           75.1                | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1<br>63.5<br>57.4<br>77.1         |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6SS1 (L1)           6SS2 (L2)           6SS3 (L1)           6SS4 (6SS5 (L1)           6SS8 (L1)               | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Period the perimeter and area of a given polygon         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to its angle measures         Sort a given set of polygons according to given attributes         Identify the coordinates of two given points on a Cartesian plane | 88.9           77.8           55.6           88.9           66.7           44.4           55.6           66.7           88.9           66.7           88.9           77.8           88.9           77.8           88.9           77.8           88.9           77.8           88.9           77.8           88.9           77.8           88.9           77.8           88.9           77.8           88.9           77.8           88.9           77.8           88.9           77.8           88.9           77.8           88.9           77.8           88.9 | 84.0           87.9           23.3           51.2           76.2           50.0           28.4           29.4           82.1           85.8           72.0           74.5           58.4           41.8           62.2           56.3           75.1           67.4 | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1<br>63.5<br>57.4<br>77.1<br>68.9 |



(Item Analysis: % of content answered correctly)

#### NLESD - Eastern Region

School #: 278 All Hallows Elementary, North River

Grades: K-6

| Outcome(s)                                |  | School | Region    | Province  |
|---|--|--------|-----------|-----------|
| Cognitive Level                           | Outcome Description  | [N=55] | [N=2,877] | [N=4,875] |
| Number Concepts                           |  |        |           |           |
| 6N1 (L1)                                  | Identify the value of a digit in a given number                              | 63.0   | 67.5      | 68.2      |
| 6N1 (L2)                                  | Demonstrate an understanding of place value through base ten representations | 20.4   | 37.4      | 38.1      |
| 6N5 (L1)                                  | Write and interpret ratios comparing part-to-whole                           | 53.7   | 59.6      | 59.7      |
| 6N5 (L2)                                  | Demonstrate an understanding of equivalent ratios                            | 35.2   | 46.6      | 48.4      |
| 6N6 (L1)                                  | Demonstrate an understanding of percent as ratio                             | 53.7   | 50.2      | 50.0      |
| 6N6 (L3)                                  | Demonstrate an understanding of percent as ratio                             | 75.9   | 84.4      | 84.1      |
| 6N3 (L2)                                  | Distinguish between prime and composite numbers                              | 59.3   | 52.9      | 54.8      |
| 6N3 (L2)                                  | Determine factors of a given number  | 63.0   | 64.7      | 66.3      |
| 6N4 (L1)                                  | Place an improper fraction on a number line                                  | 42.6   | 36.8      | 38.2      |
| 6N7 (L3)                                  | Select integer that best fits description                                    | 74.1   | 72.3      | 71.9      |
| Number Operations                         |  |        |           |           |
| 6N8 (L2)                                  | Compute products of whole numbers and decimals                               | 72.0   | 81.9      | 83.1      |
| 6N2, 6N8 (L2)                             | Compute quotients of whole numbers and decimals                              | 56.0   | 63.5      | 64.5      |
| 6N8 (L3)                                  | Place decimal in correct position in a product of whole numbers and decimals | 70.0   | 83.0      | 83.8      |
| 6N2, 6N8 (L2)                             | Solve a problem that involves division of decimals                           | 80.0   | 70.8      | 71.0      |
| 6N2, 6N8 (L2)                             | Solve a problem that involves multiplication of decimals                     | 50.0   | 64.0      | 64.1      |
| 6N2 (L2)                                  | Estimate the solution to a subtraction problem                               | 34.0   | 53.6      | 53.4      |
| 6N2 (L3)                                  | Determine number expression represented by base ten blocks                   | 34.0   | 55.7      | 56.7      |
| 6N9 (L3)                                  | Apply the order of operations to solve a problem                             | 46.0   | 48.9      | 50.1      |
| 6N9 (L2)                                  | Apply the order of operations to solve a problem                             | 52.0   | 48.4      | 49.7      |
| Patterns and Relations                    |  |        |           |           |
| 6PR1 (L2)                                 | Identify the value of an unknown term in a table of values                   | 79.3   | 84.0      | 84.2      |
| 6PR1 (L3)                                 | Identify an error in a given table of values                                 | 86.8   | 87.9      | 87.9      |
| 6PR1, 6PR3 (L2)                           | Write a mathematical expression for a situation                              | 5.7    | 23.3      | 24.4      |
| 6PR3 (L2)                                 | Represent a pattern rule using a simple mathematical expression              | 50.9   | 51.2      | 53.5      |
| 6PR3 (L2)                                 | Extend a pattern that is shown on a line graph                               | 56.6   | 76.2      | 75.9      |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given equation                      | 41.5   | 50.0      | 50.3      |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given model                         | 17.0   | 28.4      | 28.9      |
| 6PR1, 6PR2 (L2)<br><u>Shape and Space</u> | Determine a mathematical expression for a situation and a table of values    | 5.7    | 29.4      | 31.9      |
| 6SS1 (L1)                                 | Classify a given angle according to its measure                              | 79.3   | 82.1      | 82.5      |
| 6SS1 (L1)                                 | Estimate the measure of an angle   | 92.5   | 85.8      | 85.9      |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a triangle is 180°                 | 60.4   | 72.0      | 72.7      |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a quadrilateral is 360°            | 60.4   | 74.5      | 74.4      |
| 6SS3 (L2)                                 | Find the perimeter and area of a given polygon                               | 28.3   | 58.4      | 59.2      |
| 6SS3 (L1)                                 | Find the volume of a given rectangular prism                                 | 13.2   | 41.8      | 43.1      |
| 6SS4 (L1)                                 | Identify a given triangle according to its angle measures                    | 54.7   | 62.2      | 63.5      |
| 6SS5 (L2)                                 | Sort a given set of polygons according to given attributes                   | 47.2   | 56.3      | 57.4      |
|   | Identify congruent triangles   | 69.8   | 75.1      | 77.1      |
| 6SS4, 6SS5 (L1)<br>6SS8 (L1)              | Identify the coordinates of two given points on a Cartesian plane            | 60.4   | 67.4      | 68.9      |
| 6SS6 (L1)                                 | Describe the combined transformations performed on a 2-D shape               | 56.6   | 73.7      | 74.4      |
| 6SS9 (L1)                                 | Describe the single transformation performed on a 2-D shape                  |        |           |           |
|   | Identify the successive transformations performed to create a design         | 79.3   | 79.5      | 80.4      |
| 6SS7 (L2)                                 | ועסומיץ אים שעטכפשוים וומושוטווומנשוש אפווטווופע נט טופמוב מ עבשוטו          | 52.8   | 64.7      | 66.2      |

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Source: Division of Evaluation and Research, Department of Education and Early Childhood Development Mushuau Innu Natuashish and Peenamin McKenzie School are excluded from district and provincial results.



(Item Analysis: % of content answered correctly)

#### NLESD - Eastern Region

### School #: 285 Holy Redeemer Elementary, Spaniard's Bay

| Outcome(s)<br>Cognitive Level             | Outcome Description  | School<br>[N=26] | <b>Region</b><br>[N=2,877] | <b>Province</b><br>[N=4,875] |
|---|--|------------------|----------------------------|------------------------------|
| Number Concepts                           |  |                  |                            |                              |
| 6N1 (L1)                                  | Identify the value of a digit in a given number                                  | 38.5             | 67.5                       | 68.2                         |
| 6N1 (L2)                                  | Demonstrate an understanding of place value through base ten representations     | 19.2             | 37.4                       | 38.1                         |
| 6N5 (L1)                                  | Write and interpret ratios comparing part-to-whole                               | 73.1             | 59.6                       | 59.7                         |
| 6N5 (L2)                                  | Demonstrate an understanding of equivalent ratios                                | 34.6             | 46.6                       | 48.4                         |
| 6N6 (L1)                                  | Demonstrate an understanding of percent as ratio                                 | 38.5             | 50.2                       | 50.0                         |
| 6N6 (L3)                                  | Demonstrate an understanding of percent as ratio                                 | 80.8             | 84.4                       | 84.1                         |
| 6N3 (L2)                                  | Distinguish between prime and composite numbers                                  | 7.7              | 52.9                       | 54.8                         |
| 6N3 (L2)                                  | Determine factors of a given number  | 50.0             | 64.7                       | 66.3                         |
| 6N4 (L1)                                  | Place an improper fraction on a number line                                      | 7.7              | 36.8                       | 38.2                         |
| 6N7 (L3)                                  | Select integer that best fits description  | 69.2             | 72.3                       | 71.9                         |
| Number Operations                         |  |                  |                            |                              |
| 6N8 (L2)                                  | Compute products of whole numbers and decimals                                   | 80.0             | 81.9                       | 83.1                         |
| 6N2, 6N8 (L2)                             | Compute quotients of whole numbers and decimals                                  | 28.0             | 63.5                       | 64.5                         |
| 6N8 (L3)                                  | Place decimal in correct position in a product of whole numbers and decimals     | 88.0             | 83.0                       | 83.8                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves division of decimals                               | 52.0             | 70.8                       | 71.0                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves multiplication of decimals                         | 68.0             | 64.0                       | 64.1                         |
| 6N2 (L2)                                  | Estimate the solution to a subtraction problem                                   | 48.0             | 53.6                       | 53.4                         |
| 6N2 (L3)                                  | Determine number expression represented by base ten blocks                       | 40.0             | 55.7                       | 56.7                         |
| 6N9 (L3)                                  | Apply the order of operations to solve a problem                                 | 32.0             | 48.9                       | 50.1                         |
| 6N9 (L2)                                  | Apply the order of operations to solve a problem                                 | 48.0             | 48.4                       | 49.7                         |
| Patterns and Relations                    |  |                  |                            |                              |
| 6PR1 (L2)                                 | Identify the value of an unknown term in a table of values                       | 88.0             | 84.0                       | 84.2                         |
| 6PR1 (L3)                                 | Identify an error in a given table of values                                     | 80.0             | 87.9                       | 87.9                         |
| 6PR1, 6PR3 (L2)                           | Write a mathematical expression for a situation                                  | 24.0             | 23.3                       | 24.4                         |
| 6PR3 (L2)                                 | Represent a pattern rule using a simple mathematical expression                  | 36.0             | 51.2                       | 53.5                         |
| 6PR3 (L2)                                 | Extend a pattern that is shown on a line graph                                   | 72.0             | 76.2                       | 75.9                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given equation                          | 32.0             | 50.0                       | 50.3                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given model                             | 12.0             | 28.4                       | 28.9                         |
| 6PR1, 6PR2 (L2)<br><u>Shape and Space</u> | Determine a mathematical expression for a situation and a table of values        | 16.0             | 29.4                       | 31.9                         |
| 6551 (11)                                 | Classify a given angle according to its measure                                  | 60.0             | 82.1                       | 82.5                         |
| 6SS1 (L1)<br>6SS1 (L1)                    | Classify a given angle according to its measure Estimate the measure of an angle | 68.0             | 85.8                       | 85.9                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a triangle is 180°                     |                  |                            |                              |
| 6SS2 (L2)<br>6SS2 (L2)                    | Demonstrate the sum of interior angles of a quadrilateral is 360°                | 76.0<br>64.0     | 72.0                       | 72.7                         |
| 6SS3 (L2)                                 | Find the perimeter and area of a given polygon                                   | 44.0             | 58.4                       | 59.2                         |
| 6SS3 (L1)                                 | Find the volume of a given rectangular prism                                     | 16.0             | 41.8                       | 43.1                         |
| 6SS4 (L1)                                 | Identify a given triangle according to its angle measures                        |                  |                            |                              |
| 6SS4 (L1)                                 | Sort a given set of polygons according to given attributes                       | 60.0<br>56.0     | 62.2<br>56.3               | 63.5<br>57.4                 |
|   | Identify congruent triangles   | 60.0             | 75.1                       | 77.1                         |
| 6SS4, 6SS5 (L1)                           |  |                  |                            |                              |
| 6SS8 (L1)                                 | Identify the coordinates of two given points on a Cartesian plane                | 64.0             | 67.4                       | 68.9                         |
| 6SS6 (L1)                                 | Describe the combined transformations performed on a 2-D shape                   | 44.0             | 73.7                       | 74.4                         |
| 6SS9 (L1)                                 | Describe the single transformation performed on a 2-D shape                      | 68.0             | 79.5                       | 80.4                         |
| 6SS7 (L2)                                 | Identify the successive transformations performed to create a design             | 32.0             | 64.7                       | 66.2                         |
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(Item Analysis: % of content answered correctly)

NLESD - Eastern Region

School #: 286 Fatima Academy, St. Bride's

Grades: K-12

| Outcome(s)                         | Outcome Description   | School               | Region               | Province     |
|------------------------------------|---|----------------------|----------------------|--------------|
| Cognitive Level                    | Outcome Description   | [N=7]                | [N=2,877]            | [N=4,875]    |
| Number Concepts                    |   |                      |                      |              |
| 6N1 (L1)                           | Identify the value of a digit in a given number   | 71.4                 | 67.5                 | 68.2         |
| 6N1 (L2)                           | Demonstrate an understanding of place value through base ten representations  | 14.3                 | 37.4                 | 38.1         |
| 6N5 (L1)                           | Write and interpret ratios comparing part-to-whole  | 57.1                 | 59.6                 | 59.7         |
| 6N5 (L2)                           | Demonstrate an understanding of equivalent ratios   | 28.6                 | 46.6                 | 48.4         |
| 6N6 (L1)                           | Demonstrate an understanding of percent as ratio  | 14.3                 | 50.2                 | 50.0         |
| 6N6 (L3)                           | Demonstrate an understanding of percent as ratio  | 85.7                 | 84.4                 | 84.1         |
| 6N3 (L2)                           | Distinguish between prime and composite numbers   | 57.1                 | 52.9                 | 54.8         |
| 6N3 (L2)                           | Determine factors of a given number   | 71.4                 | 64.7                 | 66.3         |
| 6N4 (L1)                           | Place an improper fraction on a number line   | 0.0                  | 36.8                 | 38.2         |
| 6N7 (L3)                           | Select integer that best fits description   | 71.4                 | 72.3                 | 71.9         |
| Number Operations                  |   |                      |                      |              |
| 6N8 (L2)                           | Compute products of whole numbers and decimals  | 71.4                 | 81.9                 | 83.1         |
| 6N2, 6N8 (L2)                      | Compute quotients of whole numbers and decimals   | 42.9                 | 63.5                 | 64.5         |
| 6N8 (L3)                           | Place decimal in correct position in a product of whole numbers and decimals  | 71.4                 | 83.0                 | 83.8         |
| 6N2, 6N8 (L2)                      | Solve a problem that involves division of decimals  | 42.9                 | 70.8                 | 71.0         |
| 6N2, 6N8 (L2)                      | Solve a problem that involves multiplication of decimals  | 14.3                 | 64.0                 | 64.1         |
| 6N2 (L2)                           | Estimate the solution to a subtraction problem  | 14.3                 | 53.6                 | 53.4         |
| 6N2 (L3)                           | Determine number expression represented by base ten blocks  | 57.1                 | 55.7                 | 56.7         |
| 6N9 (L3)                           | Apply the order of operations to solve a problem  | 57.1                 | 48.9                 | 50.1         |
| 6N9 (L2)                           | Apply the order of operations to solve a problem  | 85.7                 | 48.4                 | 49.7         |
| Patterns and Relations             |   |                      |                      |              |
| 6PR1 (L2)                          | Identify the value of an unknown term in a table of values  | 85.7                 | 84.0                 | 84.2         |
| 6PR1 (L3)                          | Identify an error in a given table of values  | 85.7                 | 87.9                 | 87.9         |
| 6PR1, 6PR3 (L2)                    | Write a mathematical expression for a situation   | 28.6                 | 23.3                 | 24.4         |
| 6PR3 (L2)                          | Represent a pattern rule using a simple mathematical expression   | 57.1                 | 51.2                 | 53.5         |
| 6PR3 (L2)                          | Extend a pattern that is shown on a line graph  | 71.4                 | 76.2                 | 75.9         |
| 6PR4 (L2)                          | Identifying an equivalent equation for a given equation   | 71.4                 | 50.0                 | 50.3         |
| 6PR4 (L2)                          | Identifying an equivalent equation for a given model  | 14.3                 | 28.4<br>29.4         | 28.9<br>31.9 |
| 6PR1, 6PR2 (L2)<br>Shape and Space | Determine a mathematical expression for a situation and a table of values   | 14.5                 | 29.4                 | 31.9         |
| 6SS1 (L1)                          | Classify a given angle according to its measure   | 85.7                 | 82.1                 | 82.5         |
| 6SS1 (L1)                          | Estimate the measure of an angle  | 42.9                 | 85.8                 | 85.9         |
| 6SS2 (L2)                          | Demonstrate the sum of interior angles of a triangle is 180°  | 100.0                | 72.0                 | 72.7         |
| 6SS2 (L2)                          | Demonstrate the sum of interior angles of a quadrilateral is 360°   | 85.7                 | 74.5                 | 74.4         |
| 6SS3 (L2)                          | Find the perimeter and area of a given polygon  | 42.9                 | 58.4                 | 59.2         |
| 6SS3 (L1)                          | Find the volume of a given rectangular prism  | 42.9                 | 41.8                 | 43.1         |
| 6SS4 (L1)                          | Identify a given triangle according to its angle measures   | 71.4                 | 62.2                 | 63.5         |
| 6SS5 (L2)                          | Sort a given set of polygons according to given attributes  | 42.9                 | 56.3                 | 57.4         |
| 6SS4, 6SS5 (L1)                    | Identify congruent triangles  | 57.1                 | 75.1                 | 77.1         |
| 6SS8 (L1)                          | Identify the coordinates of two given points on a Cartesian plane   | 85.7                 | 67.4                 | 68.9         |
| 6SS6 (L1)                          | , and coordinated of the great points of a outcolar plane   | 00.7                 |                      |              |
|                                    | Describe the combined transformations performed on a 2-D shape  | 57 1                 | 737                  |              |
| ,                                  | Describe the combined transformations performed on a 2-D shape  | 57.1                 | 73.7                 | 74.4         |
| 6SS9 (L1)<br>6SS7 (L2)             | Describe the combined transformations performed on a 2-D shape<br>Describe the single transformation performed on a 2-D shape<br>Identify the successive transformations performed to create a design | 57.1<br>71.4<br>85.7 | 73.7<br>79.5<br>64.7 | 80.4<br>66.2 |

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Source: Division of Evaluation and Research, Department of Education and Early Childhood Development

Mushuau Innu Natuashish and Peenamin McKenzie School are excluded from district and provincial results.



(Item Analysis: % of content answered correctly)

#### NLESD - Eastern Region

School #: 287 Dunne Memorial Academy, St. Mary's

Grades: K-12

| Outcome(s)                   |  | School | Region       | Province     |
|------------------------------|--|--------|--------------|--------------|
| Cognitive Level              | Outcome Description  | [N=11] | [N=2,877]    | [N=4,875]    |
| Number Concepts              |  |        |              |              |
| 6N1 (L1)                     | Identify the value of a digit in a given number  | 72.7   | 67.5         | 68.2         |
| 6N1 (L2)                     | Demonstrate an understanding of place value through base ten representations   | 54.6   | 37.4         | 38.1         |
| 6N5 (L1)                     | Write and interpret ratios comparing part-to-whole   | 81.8   | 59.6         | 59.7         |
| 6N5 (L2)                     | Demonstrate an understanding of equivalent ratios  | 54.6   | 46.6         | 48.4         |
| 6N6 (L1)                     | Demonstrate an understanding of percent as ratio   | 54.6   | 50.2         | 50.0         |
| 6N6 (L3)                     | Demonstrate an understanding of percent as ratio   | 81.8   | 84.4         | 84.1         |
| 6N3 (L2)                     | Distinguish between prime and composite numbers  | 54.6   | 52.9         | 54.8         |
| 6N3 (L2)                     | Determine factors of a given number  | 63.6   | 64.7         | 66.3         |
| 6N4 (L1)                     | Place an improper fraction on a number line  | 36.4   | 36.8         | 38.2         |
| 6N7 (L3)                     | Select integer that best fits description  | 72.7   | 72.3         | 71.9         |
| Number Operations            |  |        |              |              |
| 6N8 (L2)                     | Compute products of whole numbers and decimals   | 70.0   | 81.9         | 83.1         |
| 6N2, 6N8 (L2)                | Compute quotients of whole numbers and decimals  | 60.0   | 63.5         | 64.5         |
| 6N8 (L3)                     | Place decimal in correct position in a product of whole numbers and decimals   | 100.0  | 83.0         | 83.8         |
| 6N2, 6N8 (L2)                | Solve a problem that involves division of decimals   | 70.0   | 70.8         | 71.0         |
| 6N2, 6N8 (L2)                | Solve a problem that involves multiplication of decimals   | 40.0   | 64.0         | 64.1         |
| 6N2 (L2)                     | Estimate the solution to a subtraction problem   | 70.0   | 53.6         | 53.4         |
| 6N2 (L3)                     | Determine number expression represented by base ten blocks   | 60.0   | 55.7         | 56.7         |
| 6N9 (L3)                     | Apply the order of operations to solve a problem   | 30.0   | 48.9         | 50.1         |
| 6N9 (L2)                     | Apply the order of operations to solve a problem   | 70.0   | 48.4         | 49.7         |
| Patterns and Relations       | Identify the value of an unknown term in a table of values   | 90.9   | 84.0         | 84.2         |
| 6PR1 (L2)                    |  |        | -            |              |
| 6PR1 (L3)                    | Identify an error in a given table of values   | 81.8   | 87.9         | 87.9         |
| 6PR1, 6PR3 (L2)              | Write a mathematical expression for a situation  | 0.0    | 23.3         | 24.4         |
| 6PR3 (L2)                    | Represent a pattern rule using a simple mathematical expression  | 54.6   | 51.2         | 53.5         |
| 6PR3 (L2)                    | Extend a pattern that is shown on a line graph   | 45.5   | 76.2         | 75.9         |
| 6PR4 (L2)                    | Identifying an equivalent equation for a given equation  | 45.5   | 50.0<br>28.4 | 50.3         |
| 6PR4 (L2)<br>6PR1, 6PR2 (L2) | Identifying an equivalent equation for a given model Determine a mathematical expression for a situation and a table of values | 45.5   | 28.4         | 28.9<br>31.9 |
| Shape and Space              |  |        | -            |              |
| 6SS1 (L1)                    | Classify a given angle according to its measure  | 72.7   | 82.1         | 82.5         |
| 6SS1 (L1)                    | Estimate the measure of an angle   | 63.6   | 85.8         | 85.9         |
| 6SS2 (L2)                    | Demonstrate the sum of interior angles of a triangle is 180°   | 100.0  | 72.0         | 72.7         |
| 6SS2 (L2)                    | Demonstrate the sum of interior angles of a quadrilateral is 360°  | 72.7   | 74.5         | 74.4         |
| 6SS3 (L2)                    | Find the perimeter and area of a given polygon   | 72.7   | 58.4         | 59.2         |
| 6SS3 (L1)                    | Find the volume of a given rectangular prism   | 45.5   | 41.8         | 43.1         |
| 6SS4 (L1)                    | Identify a given triangle according to its angle measures  | 90.9   | 62.2         | 63.5         |
| 6SS5 (L2)                    | Sort a given set of polygons according to given attributes   | 18.2   | 56.3         | 57.4         |
| 6SS4, 6SS5 (L1)              | Identify congruent triangles   | 81.8   | 75.1         | 77.1         |
| 6SS8 (L1)                    | Identify the coordinates of two given points on a Cartesian plane  | 81.8   | 67.4         | 68.9         |
| 6SS6 (L1)                    | Describe the combined transformations performed on a 2-D shape   | 63.6   | 73.7         | 74.4         |
| 6SS9 (L1)                    | Describe the single transformation performed on a 2-D shape  | 81.8   | 79.5         | 80.4         |
| 6SS7 (L2)                    | Identify the successive transformations performed to create a design   | 45.5   | 64.7         | 66.2         |
| /                            |  |        |              |              |



(Item Analysis: % of content answered correctly)

#### NLESD - Eastern Region

School #: 289 St. Peter's Elementary, Upper Island Cove

| Grades: | K-9 |
|---------|-----|
|---------|-----|

| Outcome(s)<br>Cognitive Level                                       | Outcome Description   | School<br>[N=23]                     | <b>Region</b><br>[N=2,877]           | <b>Province</b><br>[N=4,875]         |
|---|---|--------------------------------------|--------------------------------------|--------------------------------------|
| Number Concepts   |   |                                      |                                      |                                      |
| 6N1 (L1)  | Identify the value of a digit in a given number   | 73.9                                 | 67.5                                 | 68.2                                 |
| 6N1 (L2)  | Demonstrate an understanding of place value through base ten representations  | 69.6                                 | 37.4                                 | 38.1                                 |
| 6N5 (L1)  | Write and interpret ratios comparing part-to-whole  | 82.6                                 | 59.6                                 | 59.7                                 |
| 6N5 (L2)  | Demonstrate an understanding of equivalent ratios   | 73.9                                 | 46.6                                 | 48.4                                 |
| 6N6 (L1)  | Demonstrate an understanding of percent as ratio  | 78.3                                 | 50.2                                 | 50.0                                 |
| 6N6 (L3)  | Demonstrate an understanding of percent as ratio  | 91.3                                 | 84.4                                 | 84.1                                 |
| 6N3 (L2)  | Distinguish between prime and composite numbers   | 87.0                                 | 52.9                                 | 54.8                                 |
| 6N3 (L2)  | Determine factors of a given number   | 73.9                                 | 64.7                                 | 66.3                                 |
| 6N4 (L1)  | Place an improper fraction on a number line   | 82.6                                 | 36.8                                 | 38.2                                 |
| 6N7 (L3)  | Select integer that best fits description   | 65.2                                 | 72.3                                 | 71.9                                 |
| Number Operations   |   |                                      |                                      |                                      |
| 6N8 (L2)  | Compute products of whole numbers and decimals  | 91.3                                 | 81.9                                 | 83.1                                 |
| 6N2, 6N8 (L2)   | Compute quotients of whole numbers and decimals   | 78.3                                 | 63.5                                 | 64.5                                 |
| 6N8 (L3)  | Place decimal in correct position in a product of whole numbers and decimals  | 91.3                                 | 83.0                                 | 83.8                                 |
| 6N2, 6N8 (L2)   | Solve a problem that involves division of decimals  | 82.6                                 | 70.8                                 | 71.0                                 |
| 6N2, 6N8 (L2)   | Solve a problem that involves multiplication of decimals  | 60.9                                 | 64.0                                 | 64.1                                 |
| 6N2 (L2)  | Estimate the solution to a subtraction problem  | 65.2                                 | 53.6                                 | 53.4                                 |
| 6N2 (L3)  | Determine number expression represented by base ten blocks  | 91.3                                 | 55.7                                 | 56.7                                 |
| 6N9 (L3)  | Apply the order of operations to solve a problem  | 21.7                                 | 48.9                                 | 50.1                                 |
| 6N9 (L2)  | Apply the order of operations to solve a problem<br>Apply the order of operations to solve a problem  | 52.2                                 | 48.4                                 | 49.7                                 |
| Patterns and Relations<br>6PR1 (L2)                                 | Identify the value of an unknown term in a table of values  | 69.6                                 | 84.0                                 | 84.2                                 |
| 6PR1 (L3)   | Identify an error in a given table of values  | 78.3                                 | 87.9                                 | 87.9                                 |
| 6PR1, 6PR3 (L2)   | Write a mathematical expression for a situation   | 8.7                                  | 23.3                                 | 24.4                                 |
| 6PR3 (L2)   | Represent a pattern rule using a simple mathematical expression   | 47.8                                 | 51.2                                 | 53.5                                 |
| 6PR3 (L2)   | Extend a pattern that is shown on a line graph  | 87.0                                 | 76.2                                 | 75.9                                 |
| 6PR4 (L2)   | Identifying an equivalent equation for a given equation   | 65.2                                 | 50.0                                 | 50.3                                 |
| 6PR4 (L2)   | Identifying an equivalent equation for a given model  | 56.5                                 | 28.4                                 | 28.9                                 |
| 6PR1, 6PR2 (L2)<br>Shape and Space                                  | Determine a mathematical expression for a situation and a table of values   | 21.7                                 | 29.4                                 | 31.9                                 |
|   |   |                                      |                                      |                                      |
| 6SS1 (L1)   | Classify a given angle according to its measure   | 87.0                                 | 82.1                                 | 82.5                                 |
| 6SS1 (L1)   | Estimate the measure of an angle  | 87.0                                 | 85.8                                 | 85.9                                 |
| 6SS2 (L2)   | Demonstrate the sum of interior angles of a triangle is 180°  | 73.9                                 | 72.0                                 | 72.7                                 |
| 6SS2 (L2)   | Liomonetrate the sum of interior angles of a guadrilateral is 360°  | 91.3                                 | 74.5                                 | 74.4                                 |
| 6SS3 (L2)   | Demonstrate the sum of interior angles of a quadrilateral is 360°   |                                      | _ · · ·                              |                                      |
| 0000 (1.4)  | Find the perimeter and area of a given polygon  | 78.3                                 | 58.4                                 | 59.2                                 |
| 6SS3 (L1)   | Find the perimeter and area of a given polygon<br>Find the volume of a given rectangular prism  | 73.9                                 | 41.8                                 | 43.1                                 |
| 6SS4 (L1)   | Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures   | 73.9<br>56.5                         | 41.8<br>62.2                         | 43.1<br>63.5                         |
| 6SS4 (L1)<br>6SS5 (L2)  | Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures         Sort a given set of polygons according to given attributes  | 73.9<br>56.5<br>52.2                 | 41.8<br>62.2<br>56.3                 | 43.1<br>63.5<br>57.4                 |
| 6SS4 (L1)<br>6SS5 (L2)<br>6SS4, 6SS5 (L1)                           | Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures         Sort a given set of polygons according to given attributes         Identify congruent triangles   | 73.9<br>56.5                         | 41.8<br>62.2                         | 43.1<br>63.5                         |
| 6SS4 (L1)<br>6SS5 (L2)  | Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures         Sort a given set of polygons according to given attributes  | 73.9<br>56.5<br>52.2                 | 41.8<br>62.2<br>56.3                 | 43.1<br>63.5<br>57.4                 |
| 6SS4 (L1)<br>6SS5 (L2)<br>6SS4, 6SS5 (L1)<br>6SS8 (L1)<br>6SS6 (L1) | Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures         Sort a given set of polygons according to given attributes         Identify congruent triangles   | 73.9<br>56.5<br>52.2<br>78.3         | 41.8<br>62.2<br>56.3<br>75.1         | 43.1<br>63.5<br>57.4<br>77.1         |
| 6SS4 (L1)<br>6SS5 (L2)<br>6SS4, 6SS5 (L1)<br>6SS8 (L1)              | Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures         Sort a given set of polygons according to given attributes         Identify congruent triangles         Identify the coordinates of two given points on a Cartesian plane | 73.9<br>56.5<br>52.2<br>78.3<br>87.0 | 41.8<br>62.2<br>56.3<br>75.1<br>67.4 | 43.1<br>63.5<br>57.4<br>77.1<br>68.9 |

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Source: Division of Evaluation and Research, Department of Education and Early Childhood Development

Mushuau Innu Natuashish and Peenamin McKenzie School are excluded from district and provincial results.



6SS3 (L1)

6SS4 (L1)

6SS5 (L2)

6SS4, 6SS5 (L1)

# **Elementary Mathematics Provincial Assessment, June 2014 School Report - Multiple Choice Items**

(Item Analysis: % of content answered correctly)

NLESD - Eastern Region

School #: 291 Perlwin Elementary, Winterton

| School #: 291<br>Grades: K-6 | Perlwin Elementary, Winterton  |        |           |
|------------------------------|--|--------|-----------|
| Outcome(s)                   |  | School | Region    |
| Cognitive Level              | Outcome Description  | [N=9]  | [N=2,877] |
| Number Concepts              |  |        |           |
| 6N1 (L1)                     | Identify the value of a digit in a given number                              | 87.5   | 67.5      |
| 6N1 (L2)                     | Demonstrate an understanding of place value through base ten representations | 87.5   | 37.4      |
| 6N5 (L1)                     | Write and interpret ratios comparing part-to-whole                           | 50.0   | 59.6      |
| 6N5 (L2)                     | Demonstrate an understanding of equivalent ratios                            | 87.5   | 46.6      |
| 6N6 (L1)                     | Demonstrate an understanding of percent as ratio                             | 50.0   | 50.2      |
| 6N6 (L3)                     | Demonstrate an understanding of percent as ratio                             | 100.0  | 84.4      |
| 6N3 (L2)                     | Distinguish between prime and composite numbers                              | 87.5   | 52.9      |
| 6N3 (L2)                     | Determine factors of a given number  | 75.0   | 64.7      |
| 6N4 (L1)                     | Place an improper fraction on a number line                                  | 62.5   | 36.8      |
| 6N7 (L3)                     | Select integer that best fits description                                    | 62.5   | 72.3      |
| Number Operations            |  |        |           |
| 6N8 (L2)                     | Compute products of whole numbers and decimals                               | 88.9   | 81.9      |
| 6N2, 6N8 (L2)                | Compute quotients of whole numbers and decimals                              | 100.0  | 63.5      |
| 6N8 (L3)                     | Place decimal in correct position in a product of whole numbers and decimals | 88.9   | 83.0      |
| 6N2, 6N8 (L2)                | Solve a problem that involves division of decimals                           | 66.7   | 70.8      |
| 6N2, 6N8 (L2)                | Solve a problem that involves multiplication of decimals                     | 33.3   | 64.0      |
| 6N2 (L2)                     | Estimate the solution to a subtraction problem                               | 77.8   | 53.6      |
| 6N2 (L3)                     | Determine number expression represented by base ten blocks                   | 66.7   | 55.7      |
| 6N9 (L3)                     | Apply the order of operations to solve a problem                             | 66.7   | 48.9      |
| 6N9 (L2)                     | Apply the order of operations to solve a problem                             | 66.7   | 48.4      |
| Patterns and Relation        | <u>ins</u>   |        |           |
| 6PR1 (L2)                    | Identify the value of an unknown term in a table of values                   | 88.9   | 84.0      |
| 6PR1 (L3)                    | Identify an error in a given table of values                                 | 100.0  | 87.9      |
| 6PR1, 6PR3 (L2)              | Write a mathematical expression for a situation                              | 11.1   | 23.3      |
| 6PR3 (L2)                    | Represent a pattern rule using a simple mathematical expression              | 55.6   | 51.2      |
| 6PR3 (L2)                    | Extend a pattern that is shown on a line graph                               | 88.9   | 76.2      |
| 6PR4 (L2)                    | Identifying an equivalent equation for a given equation                      | 55.6   | 50.0      |
| 6PR4 (L2)                    | Identifying an equivalent equation for a given model                         | 44.4   | 28.4      |
| 6PR1, 6PR2 (L2)              | Determine a mathematical expression for a situation and a table of values    | 33.3   | 29.4      |
| Shape and Space              |  |        |           |
| 6SS1 (L1)                    | Classify a given angle according to its measure                              | 100.0  | 82.1      |
| 6SS1 (L1)                    | Estimate the measure of an angle   | 88.9   | 85.8      |
| 6SS2 (L2)                    | Demonstrate the sum of interior angles of a triangle is 180°                 | 100.0  | 72.0      |
| 6SS2 (L2)                    | Demonstrate the sum of interior angles of a quadrilateral is 360°            | 77.8   | 74.5      |
| 6SS3 (L2)                    | Find the perimeter and area of a given polygon                               | 33.3   | 58.4      |
| 2000 (I I)                   |  | 55.0   | 44.0      |

Identify congruent triangles

Find the volume of a given rectangular prism

Identify a given triangle according to its angle measures

Sort a given set of polygons according to given attributes

41.8

62.2

56.3

75.1

67.4

73.7

79.5

64.7

55.6

88.9

66.7

100.0

124

Province

[N=4,875]

68.2 38.1 59.7 48.4 50.0 84.1 54.8 66.3 38.2 71.9

83.1 64.5 83.8 71.0 64.1 53.4 56.7 50.1 49.7

84.2 87.9 24.4 53.5 75.9 50.3 28.9 31.9

82.5 85.9 72.7

74.4 59.2

43.1

63.5

57.4

77.1

68.9

74.4

80.4

66.2



(Item Analysis: % of content answered correctly)

#### NLESD - Eastern Region

### School #: 294 St. Augustine's Elementary, Bell Island

| Grades: | K-6 |
|---------|-----|
|         |     |

| Number Concepts        |  | [N=23] | [N=2,877] | [N=4,875] |
|------------------------|--|--------|-----------|-----------|
|                        |  |        |           |           |
| 6N1 (L1)               | Identify the value of a digit in a given number                              | 27.3   | 67.5      | 68.2      |
| 6N1 (L2)               | Demonstrate an understanding of place value through base ten representations | 22.7   | 37.4      | 38.1      |
| 6N5 (L1)               | Write and interpret ratios comparing part-to-whole                           | 22.7   | 59.6      | 59.7      |
| 6N5 (L2)               | Demonstrate an understanding of equivalent ratios                            | 4.6    | 46.6      | 48.4      |
| 6N6 (L1)               | Demonstrate an understanding of percent as ratio                             | 4.6    | 50.2      | 50.0      |
| 6N6 (L3)               | Demonstrate an understanding of percent as ratio                             | 68.2   | 84.4      | 84.1      |
| 6N3 (L2)               | Distinguish between prime and composite numbers                              | 9.1    | 52.9      | 54.8      |
| 6N3 (L2)               | Determine factors of a given number  | 18.2   | 64.7      | 66.3      |
| 6N4 (L1)               | Place an improper fraction on a number line                                  | 4.6    | 36.8      | 38.2      |
| 6N7 (L3)               | Select integer that best fits description                                    | 50.0   | 72.3      | 71.9      |
| Number Operations      |  |        |           |           |
| 6N8 (L2)               | Compute products of whole numbers and decimals                               | 63.6   | 81.9      | 83.1      |
| 6N2, 6N8 (L2)          | Compute quotients of whole numbers and decimals                              | 36.4   | 63.5      | 64.5      |
| 6N8 (L3)               | Place decimal in correct position in a product of whole numbers and decimals | 77.3   | 83.0      | 83.8      |
| 6N2, 6N8 (L2)          | Solve a problem that involves division of decimals                           | 54.6   | 70.8      | 71.0      |
| 6N2, 6N8 (L2)          | Solve a problem that involves multiplication of decimals                     | 40.9   | 64.0      | 64.1      |
| 6N2 (L2)               | Estimate the solution to a subtraction problem                               | 18.2   | 53.6      | 53.4      |
| 6N2 (L3)               | Determine number expression represented by base ten blocks                   | 22.7   | 55.7      | 56.7      |
| 6N9 (L3)               | Apply the order of operations to solve a problem                             | 31.8   | 48.9      | 50.1      |
| 6N9 (L2)               | Apply the order of operations to solve a problem                             | 13.6   | 48.4      | 49.7      |
| Patterns and Relations |  |        |           |           |
| 6PR1 (L2)              | Identify the value of an unknown term in a table of values                   | 78.3   | 84.0      | 84.2      |
| 6PR1 (L3)              | Identify an error in a given table of values                                 | 82.6   | 87.9      | 87.9      |
| 6PR1, 6PR3 (L2)        | Write a mathematical expression for a situation                              | 8.7    | 23.3      | 24.4      |
| 6PR3 (L2)              | Represent a pattern rule using a simple mathematical expression              | 26.1   | 51.2      | 53.5      |
| 6PR3 (L2)              | Extend a pattern that is shown on a line graph                               | 73.9   | 76.2      | 75.9      |
| 6PR4 (L2)              | Identifying an equivalent equation for a given equation                      | 26.1   | 50.0      | 50.3      |
| 6PR4 (L2)              | Identifying an equivalent equation for a given model                         | 8.7    | 28.4      | 28.9      |
| 6PR1, 6PR2 (L2)        | Determine a mathematical expression for a situation and a table of values    | 17.4   | 29.4      | 31.9      |
| Shape and Space        |  |        |           |           |
| 6SS1 (L1)              | Classify a given angle according to its measure                              | 63.6   | 82.1      | 82.5      |
| 6SS1 (L1)              | Estimate the measure of an angle   | 72.7   | 85.8      | 85.9      |
| 6SS2 (L2)              | Demonstrate the sum of interior angles of a triangle is 180°                 | 36.4   | 72.0      | 72.7      |
| 6SS2 (L2)              | Demonstrate the sum of interior angles of a quadrilateral is 360°            | 63.6   | 74.5      | 74.4      |
| 6SS3 (L2)              | Find the perimeter and area of a given polygon                               | 22.7   | 58.4      | 59.2      |
| 6SS3 (L1)              | Find the volume of a given rectangular prism                                 | 18.2   | 41.8      | 43.1      |
| 6SS4 (L1)              | Identify a given triangle according to its angle measures                    | 27.3   | 62.2      | 63.5      |
| 6SS5 (L2)              | Sort a given set of polygons according to given attributes                   | 68.2   | 56.3      | 57.4      |
| 6SS4, 6SS5 (L1)        | Identify congruent triangles   | 36.4   | 75.1      | 77.1      |
| 6SS8 (L1)              | Identify the coordinates of two given points on a Cartesian plane            | 22.7   | 67.4      | 68.9      |
| 6SS6 (L1)              | Describe the combined transformations performed on a 2-D shape               | 40.9   | 73.7      | 74.4      |
| 6SS9 (L1)              | Describe the single transformation performed on a 2-D shape                  | 36.4   | 79.5      | 80.4      |
|                        |  |        |           |           |



(Item Analysis: % of content answered correctly)

#### NLESD - Eastern Region

School #: 303 St. Edward's Elementary, Conception Bay South (Kelligrews)

| Outcome(s)<br>Cognitive Level   | Outcome Description  | School<br>[N=81]  | <b>Region</b><br>[N=2,877]   | <b>Province</b><br>[N=4,875]   |
|---|--|---|--|--|
| Number Concepts   |  |   |  |  |
| 6N1 (L1)  | Identify the value of a digit in a given number  | 57.1  | 67.5   | 68.2   |
| 6N1 (L2)  | Demonstrate an understanding of place value through base ten representations   | 36.4  | 37.4   | 38.1   |
| 6N5 (L1)  | Write and interpret ratios comparing part-to-whole   | 58.4  | 59.6   | 59.7   |
| 6N5 (L2)  | Demonstrate an understanding of equivalent ratios  | 54.6  | 46.6   | 48.4   |
| 6N6 (L1)  | Demonstrate an understanding of percent as ratio   | 48.1  | 50.2   | 50.0   |
| 6N6 (L3)  | Demonstrate an understanding of percent as ratio   | 85.7  | 84.4   | 84.1   |
| 6N3 (L2)  | Distinguish between prime and composite numbers  | 52.0  | 52.9   | 54.8   |
| 6N3 (L2)  | Determine factors of a given number  | 76.6  | 64.7   | 66.3   |
| 6N4 (L1)  | Place an improper fraction on a number line  | 37.7  | 36.8   | 38.2   |
| 6N7 (L3)  | Select integer that best fits description  | 67.5  | 72.3   | 71.9   |
| Number Operations   |  |   |  |  |
| 6N8 (L2)  | Compute products of whole numbers and decimals   | 87.0  | 81.9   | 83.1   |
| 6N2, 6N8 (L2)   | Compute quotients of whole numbers and decimals  | 71.4  | 63.5   | 64.5   |
| 6N8 (L3)  | Place decimal in correct position in a product of whole numbers and decimals   | 87.0  | 83.0   | 83.8   |
| 6N2, 6N8 (L2)   | Solve a problem that involves division of decimals   | 71.4  | 70.8   | 71.0   |
| 6N2, 6N8 (L2)   | Solve a problem that involves multiplication of decimals   | 49.4  | 64.0   | 64.1   |
| 6N2 (L2)  | Estimate the solution to a subtraction problem   | 53.3  | 53.6   | 53.4   |
| 6N2 (L3)  | Determine number expression represented by base ten blocks   | 54.6  | 55.7   | 56.7   |
| . ,   |  | 59.7  | 48.9   | 50.1   |
| 6N9 (L3)  | Apply the order of operations to solve a problem   |   |  |  |
| 6N9 (L3)<br>6N9 (L2)  | Apply the order of operations to solve a problem<br>Apply the order of operations to solve a problem   | 37.7  | 48.4   | 49.7   |
|   |  |   |  | 49.7   |
| 6N9 (L2)  |  |   |  | 49.7<br>84.2   |
| 6N9 (L2) Patterns and Relations   | Apply the order of operations to solve a problem   | 37.7  | 48.4   |  |
| 6N9 (L2)<br><u>Patterns and Relations</u><br>6PR1 (L2)<br>6PR1 (L3)   | Apply the order of operations to solve a problem<br>Identify the value of an unknown term in a table of values   | 81.0  | 48.4   | 84.2<br>87.9   |
| 6N9 (L2)<br><u>Patterns and Relations</u><br>6PR1 (L2)  | Apply the order of operations to solve a problem<br>Identify the value of an unknown term in a table of values<br>Identify an error in a given table of values   | 81.0<br>92.4  | 48.4<br>84.0<br>87.9   | 84.2   |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)   | Apply the order of operations to solve a problem<br>Identify the value of an unknown term in a table of values<br>Identify an error in a given table of values<br>Write a mathematical expression for a situation<br>Represent a pattern rule using a simple mathematical expression   | 37.7<br>81.0<br>92.4<br>13.9  | 48.4<br>84.0<br>87.9<br>23.3   | 84.2<br>87.9<br>24.4   |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)  | Apply the order of operations to solve a problem<br>Identify the value of an unknown term in a table of values<br>Identify an error in a given table of values<br>Write a mathematical expression for a situation  | 37.7<br>81.0<br>92.4<br>13.9<br>44.3  | 48.4<br>84.0<br>87.9<br>23.3<br>51.2   | 84.2<br>87.9<br>24.4<br>53.5   |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)   | Apply the order of operations to solve a problem<br>Identify the value of an unknown term in a table of values<br>Identify an error in a given table of values<br>Write a mathematical expression for a situation<br>Represent a pattern rule using a simple mathematical expression<br>Extend a pattern that is shown on a line graph   | 37.7<br>81.0<br>92.4<br>13.9<br>44.3<br>77.2  | 48.4<br>84.0<br>87.9<br>23.3<br>51.2<br>76.2   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9   |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)  | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation  | 37.7           81.0           92.4           13.9           44.3           77.2           53.2  | 48.4<br>84.0<br>87.9<br>23.3<br>51.2<br>76.2<br>50.0   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3   |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>Shape and Space  | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values   | 37.7           81.0           92.4           13.9           44.3           77.2           53.2           40.5           24.1  | 48.4<br>84.0<br>87.9<br>23.3<br>51.2<br>76.2<br>50.0<br>28.4<br>29.4   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9   |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1 (L3)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>Shape and Space<br>6SS1 (L1)  | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure   | 37.7           81.0           92.4           13.9           44.3           77.2           53.2           40.5           24.1           79.8   | 48.4<br>84.0<br>87.9<br>23.3<br>51.2<br>76.2<br>50.0<br>28.4<br>29.4<br>82.1   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5   |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>Shape and Space<br>6SS1 (L1)<br>6SS1 (L1)  | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle  | 37.7           81.0           92.4           13.9           44.3           77.2           53.2           40.5           24.1           79.8           86.1  | 48.4<br>84.0<br>87.9<br>23.3<br>51.2<br>76.2<br>50.0<br>28.4<br>29.4<br>82.1<br>85.8   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9   |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>Shape and Space<br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°   | 37.7           81.0           92.4           13.9           44.3           77.2           53.2           40.5           24.1           79.8           86.1           74.7   | 48.4<br>84.0<br>87.9<br>23.3<br>51.2<br>76.2<br>50.0<br>28.4<br>29.4<br>82.1<br>85.8<br>72.0   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7   |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>Shape and Space<br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS2 (L2)  | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°   | 37.7           81.0           92.4           13.9           44.3           77.2           53.2           40.5           24.1           79.8           86.1           74.7           76.0  | 48.4           84.0           87.9           23.3           51.2           76.2           50.0           28.4           29.4           82.1           85.8           72.0           74.5   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4   |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1 (L3)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2) | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon  | 37.7           81.0           92.4           13.9           44.3           77.2           53.2           40.5           24.1           79.8           86.1           74.7           76.0           55.7   | 48.4           84.0           87.9           23.3           51.2           76.2           50.0           28.4           29.4           82.1           85.8           72.0           74.5           58.4  | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2   |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>Shape and Space<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L1)  | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism   | 37.7           81.0           92.4           13.9           44.3           77.2           53.2           40.5           24.1           79.8           86.1           74.7           76.0           55.7           35.4  | 48.4         84.0         87.9         23.3         51.2         76.2         50.0         28.4         29.4         82.1         85.8         72.0         74.5         58.4         41.8   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1   |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>Shape and Space<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L1)<br>6SS4 (L1)  | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures   | 37.7         81.0         92.4         13.9         44.3         77.2         53.2         40.5         24.1         79.8         86.1         74.7         76.0         55.7         35.4         59.5   | 48.4         84.0         87.9         23.3         51.2         76.2         50.0         28.4         29.4         82.1         85.8         72.0         74.5         58.4         41.8         62.2  | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1<br>63.5   |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>Shape and Space<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L1)  | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to given attributes  | 37.7           81.0           92.4           13.9           44.3           77.2           53.2           40.5           24.1           79.8           86.1           74.7           76.0           55.7           35.4           59.5           63.3                | 48.4         84.0         87.9         23.3         51.2         76.2         50.0         28.4         29.4         82.1         85.8         72.0         74.5         58.4         41.8         62.2         56.3                           | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1<br>63.5<br>57.4   |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>Shape and Space<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L1)<br>6SS4 (L1)  | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures         Sort a given set of polygons according to given attributes         Identify congruent triangles   | 37.7         81.0         92.4         13.9         44.3         77.2         53.2         40.5         24.1         79.8         86.1         74.7         76.0         55.7         35.4         59.5   | 48.4         84.0         87.9         23.3         51.2         76.2         50.0         28.4         29.4         82.1         85.8         72.0         74.5         58.4         41.8         62.2  | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1<br>63.5   |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1 (L3)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2) | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to given attributes  | 37.7           81.0           92.4           13.9           44.3           77.2           53.2           40.5           24.1           79.8           86.1           74.7           76.0           55.7           35.4           59.5           63.3                | 48.4         84.0         87.9         23.3         51.2         76.2         50.0         28.4         29.4         82.1         85.8         72.0         74.5         58.4         41.8         62.2         56.3                           | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1<br>63.5<br>57.4   |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1 (L3)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br><b>Shape and Space</b><br>6SS1 (L1)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L1)<br>6SS4 (L1)<br>6SS5 (L2)<br>6SS5 (L2)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures         Sort a given set of polygons according to given attributes         Identify congruent triangles   | 37.7           81.0           92.4           13.9           44.3           77.2           53.2           40.5           24.1           79.8           86.1           74.7           76.0           55.7           35.4           59.5           63.3           65.8 | 48.4         84.0         87.9         23.3         51.2         76.2         50.0         28.4         29.4         82.1         85.8         72.0         74.5         58.4         41.8         62.2         56.3         75.1              | 84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5           57.4           77.1 |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1 (L3)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br><b>Shape and Space</b><br>6SS1 (L1)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L1)<br>6SS4 (L1)<br>6SS5 (L2)<br>6SS5 (L2)<br>6SS8 (L1)  | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Pemonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to its angle measures         Sort a given set of polygons according to given attributes         Identify the coordinates of two given points on a Cartesian plane | 37.7         81.0         92.4         13.9         44.3         77.2         53.2         40.5         24.1         79.8         86.1         74.7         76.0         55.7         35.4         59.5         63.3         65.8         62.0                      | 48.4         84.0         87.9         23.3         51.2         76.2         50.0         28.4         29.4         82.1         85.8         72.0         74.5         58.4         41.8         62.2         56.3         75.1         67.4 | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1<br>63.5<br>57.4<br>77.1<br>68.9   |

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Source: Division of Evaluation and Research, Department of Education and Early Childhood Development Mushuau Innu Natuashish and Peenamin McKenzie School are excluded from district and provincial results.



(Item Analysis: % of content answered correctly)

#### NLESD - Eastern Region

School #: 305 Villanova Junior High, Conception Bay South (Manuels)

Grades: 5-8

| Outcome(s)<br>Cognitive Level      | Outcome Description  | School<br>[N=110] | <b>Region</b><br>[N=2,877] | Province<br>[N=4,875] |
|------------------------------------|--|-------------------|----------------------------|-----------------------|
| Number Concepts                    |  |                   |                            |                       |
| 6N1 (L1)                           | Identify the value of a digit in a given number                              | 67.3              | 67.5                       | 68.2                  |
| 6N1 (L2)                           | Demonstrate an understanding of place value through base ten representations | 25.2              | 37.4                       | 38.1                  |
| 6N5 (L1)                           | Write and interpret ratios comparing part-to-whole                           | 40.2              | 59.6                       | 59.7                  |
| 6N5 (L2)                           | Demonstrate an understanding of equivalent ratios                            | 40.2              | 46.6                       | 48.4                  |
| 6N6 (L1)                           | Demonstrate an understanding of percent as ratio                             | 51.4              | 50.2                       | 50.0                  |
| 6N6 (L3)                           | Demonstrate an understanding of percent as ratio                             | 79.4              | 84.4                       | 84.1                  |
| 6N3 (L2)                           | Distinguish between prime and composite numbers                              | 51.4              | 52.9                       | 54.8                  |
| 6N3 (L2)                           | Determine factors of a given number  | 79.4              | 64.7                       | 66.3                  |
| 6N4 (L1)                           | Place an improper fraction on a number line                                  | 28.0              | 36.8                       | 38.2                  |
| 6N7 (L3)                           | Select integer that best fits description                                    | 71.0              | 72.3                       | 71.9                  |
| Number Operations                  |  |                   |                            |                       |
| 6N8 (L2)                           | Compute products of whole numbers and decimals                               | 82.9              | 81.9                       | 83.1                  |
| 6N2, 6N8 (L2)                      | Compute quotients of whole numbers and decimals                              | 74.3              | 63.5                       | 64.5                  |
| 6N8 (L3)                           | Place decimal in correct position in a product of whole numbers and decimals | 85.7              | 83.0                       | 83.8                  |
| 6N2, 6N8 (L2)                      | Solve a problem that involves division of decimals                           | 77.1              | 70.8                       | 71.0                  |
| 6N2, 6N8 (L2)                      | Solve a problem that involves multiplication of decimals                     | 65.7              | 64.0                       | 64.1                  |
| 6N2 (L2)                           | Estimate the solution to a subtraction problem                               | 53.3              | 53.6                       | 53.4                  |
| 6N2 (L3)                           | Determine number expression represented by base ten blocks                   | 50.5              | 55.7                       | 56.7                  |
| 6N9 (L3)                           | Apply the order of operations to solve a problem                             | 53.3              | 48.9                       | 50.1                  |
| 6N9 (L2)                           | Apply the order of operations to solve a problem                             | 50.5              | 48.4                       | 49.7                  |
| Patterns and Relations             |  |                   |                            |                       |
| 6PR1 (L2)                          | Identify the value of an unknown term in a table of values                   | 77.4              | 84.0                       | 84.2                  |
| 6PR1 (L3)                          | Identify an error in a given table of values                                 | 84.0              | 87.9                       | 87.9                  |
| 6PR1, 6PR3 (L2)                    | Write a mathematical expression for a situation                              | 28.3              | 23.3                       | 24.4                  |
| 6PR3 (L2)                          | Represent a pattern rule using a simple mathematical expression              | 60.4              | 51.2                       | 53.5                  |
| 6PR3 (L2)                          | Extend a pattern that is shown on a line graph                               | 75.5              | 76.2                       | 75.9                  |
| 6PR4 (L2)                          | Identifying an equivalent equation for a given equation                      | 50.0              | 50.0                       | 50.3                  |
| 6PR4 (L2)                          | Identifying an equivalent equation for a given model                         | 22.6              | 28.4                       | 28.9                  |
| 6PR1, 6PR2 (L2)<br>Shape and Space | Determine a mathematical expression for a situation and a table of values    | 38.7              | 29.4                       | 31.9                  |
| 6SS1 (L1)                          | Classify a given angle according to its measure                              | 86.8              | 82.1                       | 82.5                  |
| 6SS1 (L1)                          | Estimate the measure of an angle   | 89.6              | 85.8                       | 85.9                  |
| 6SS2 (L2)                          | Demonstrate the sum of interior angles of a triangle is 180°                 | 79.3              |                            | 72.7                  |
| 6SS2 (L2)                          | Demonstrate the sum of interior angles of a quadrilateral is 360°            | 80.2              | 72.0                       | 72.7                  |
| 6SS3 (L2)                          | Find the perimeter and area of a given polygon                               | 60.4              | 58.4                       | 59.2                  |
| 6SS3 (L1)                          | Find the volume of a given rectangular prism                                 | 50.0              | 41.8                       | 43.1                  |
| 6SS4 (L1)                          | Identify a given triangle according to its angle measures                    |                   | -                          |                       |
|                                    | Sort a given set of polygons according to given attributes                   | 65.1<br>62.3      | 62.2<br>56.3               | 63.5<br>57.4          |
| 6SS5 (L2)                          | Identify congruent triangles   | 84.0              | 75.1                       | 77.1                  |
| 6SS4, 6SS5 (L1)                    | Identify the coordinates of two given points on a Cartesian plane            |                   |                            |                       |
| 6SS8 (L1)                          |  | 60.4              | 67.4                       | 68.9                  |
| 6SS6 (L1)                          | Describe the combined transformations performed on a 2-D shape               | 75.5              | 73.7                       | 74.4                  |
| 6SS9 (L1)                          | Describe the single transformation performed on a 2-D shape                  | 89.6              | 79.5                       | 80.4                  |
| 6SS7 (L2)                          | Identify the successive transformations performed to create a design         | 62.3              | 64.7                       | 66.2                  |



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### Elementary Mathematics Provincial Assessment, June 2014 School Report - Multiple Choice Items

(Item Analysis: % of content answered correctly)

#### NLESD - Eastern Region

School #: 306 St. George's Elementary, Conception Bay South (Manuels) Grades: K-6

| Outcome(s)<br>Cognitive Level             | Outcome Description  | School<br>[N=50] | <b>Region</b><br>[N=2,877] | <b>Province</b><br>[N=4,875] |
|---|--|------------------|----------------------------|------------------------------|
| Number Concepts                           |  |                  |                            |                              |
| 6N1 (L1)                                  | Identify the value of a digit in a given number                              | 66.7             | 67.5                       | 68.2                         |
| 6N1 (L2)                                  | Demonstrate an understanding of place value through base ten representations | 41.7             | 37.4                       | 38.1                         |
| 6N5 (L1)                                  | Write and interpret ratios comparing part-to-whole                           | 54.2             | 59.6                       | 59.7                         |
| 6N5 (L2)                                  | Demonstrate an understanding of equivalent ratios                            | 50.0             | 46.6                       | 48.4                         |
| 6N6 (L1)                                  | Demonstrate an understanding of percent as ratio                             | 58.3             | 50.2                       | 50.0                         |
| 6N6 (L3)                                  | Demonstrate an understanding of percent as ratio                             | 79.2             | 84.4                       | 84.1                         |
| 6N3 (L2)                                  | Distinguish between prime and composite numbers                              | 58.3             | 52.9                       | 54.8                         |
| 6N3 (L2)                                  | Determine factors of a given number  | 83.3             | 64.7                       | 66.3                         |
| 6N4 (L1)                                  | Place an improper fraction on a number line                                  | 60.4             | 36.8                       | 38.2                         |
| 6N7 (L3)                                  | Select integer that best fits description                                    | 72.9             | 72.3                       | 71.9                         |
| Number Operations                         |  |                  |                            |                              |
| 6N8 (L2)                                  | Compute products of whole numbers and decimals                               | 97.9             | 81.9                       | 83.1                         |
| 6N2, 6N8 (L2)                             | Compute quotients of whole numbers and decimals                              | 83.0             | 63.5                       | 64.5                         |
| 6N8 (L3)                                  | Place decimal in correct position in a product of whole numbers and decimals | 87.2             | 83.0                       | 83.8                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves division of decimals                           | 76.6             | 70.8                       | 71.0                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves multiplication of decimals                     | 66.0             | 64.0                       | 64.1                         |
| 6N2 (L2)                                  | Estimate the solution to a subtraction problem                               | 51.1             | 53.6                       | 53.4                         |
| 6N2 (L3)                                  | Determine number expression represented by base ten blocks                   | 59.6             | 55.7                       | 56.7                         |
| 6N9 (L3)                                  | Apply the order of operations to solve a problem                             | 51.1             | 48.9                       | 50.1                         |
| 6N9 (L2)                                  | Apply the order of operations to solve a problem                             | 51.1             | 48.4                       | 49.7                         |
| Patterns and Relations                    |  |                  |                            |                              |
| 6PR1 (L2)                                 | Identify the value of an unknown term in a table of values                   | 82.0             | 84.0                       | 84.2                         |
| 6PR1 (L3)                                 | Identify an error in a given table of values                                 | 86.0             | 87.9                       | 87.9                         |
| 6PR1, 6PR3 (L2)                           | Write a mathematical expression for a situation                              | 28.0             | 23.3                       | 24.4                         |
| 6PR3 (L2)                                 | Represent a pattern rule using a simple mathematical expression              | 52.0             | 51.2                       | 53.5                         |
| 6PR3 (L2)                                 | Extend a pattern that is shown on a line graph                               | 80.0             | 76.2                       | 75.9                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given equation                      | 50.0             | 50.0                       | 50.3                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given model                         | 16.0             | 28.4                       | 28.9                         |
| 6PR1, 6PR2 (L2)<br><u>Shape and Space</u> | Determine a mathematical expression for a situation and a table of values    | 42.0             | 29.4                       | 31.9                         |
| 6SS1 (L1)                                 | Classify a given angle according to its measure                              | 92.0             | 82.1                       | 82.5                         |
| 6SS1 (L1)                                 | Estimate the measure of an angle   | 82.0             | 85.8                       | 85.9                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a triangle is 180°                 | 84.0             | 72.0                       | 72.7                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a quadrilateral is 360°            | 80.0             | 74.5                       | 74.4                         |
| 6SS3 (L2)                                 | Find the perimeter and area of a given polygon                               | 70.0             | 58.4                       | 59.2                         |
| 6SS3 (L1)                                 | Find the volume of a given rectangular prism                                 | 34.0             | 41.8                       | 43.1                         |
| 6SS4 (L1)                                 | Identify a given triangle according to its angle measures                    | 72.0             | 62.2                       | 63.5                         |
| 6SS5 (L2)                                 | Sort a given set of polygons according to given attributes                   | 62.0             | 56.3                       | 57.4                         |
| 6SS4, 6SS5 (L1)                           | Identify congruent triangles   | 74.0             | 75.1                       | 77.1                         |
| 6SS8 (L1)                                 | Identify the coordinates of two given points on a Cartesian plane            | 80.0             | 67.4                       | 68.9                         |
| 6SS6 (L1)                                 | Describe the combined transformations performed on a 2-D shape               | 76.0             | 73.7                       | 74.4                         |
| 6SS9 (L1)                                 | Describe the single transformation performed on a 2-D shape                  |                  |                            |                              |
|   |  | 84.0<br>58.0     | 79.5                       | 80.4                         |
| 6SS7 (L2)                                 | Identify the successive transformations performed to create a design         | 58.0             | 64.7                       | 66.2                         |

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Source: Division of Evaluation and Research, Department of Education and Early Childhood Development

Mushuau Innu Natuashish and Peenamin McKenzie School are excluded from district and provincial results.



(Item Analysis: % of content answered correctly)

#### NLESD - Eastern Region

School #: 308 Mary Queen of the World Elementary, Mount Pearl

Grades: K-6

| Outcome(s)             |  | School | Region    | Province  |
|------------------------|--|--------|-----------|-----------|
| Cognitive Level        | Outcome Description  | [N=56] | [N=2,877] | [N=4,875] |
| Number Concepts        |  |        |           |           |
| 6N1 (L1)               | Identify the value of a digit in a given number                              | 56.6   | 67.5      | 68.2      |
| 6N1 (L2)               | Demonstrate an understanding of place value through base ten representations | 50.9   | 37.4      | 38.1      |
| 6N5 (L1)               | Write and interpret ratios comparing part-to-whole                           | 75.5   | 59.6      | 59.7      |
| 6N5 (L2)               | Demonstrate an understanding of equivalent ratios                            | 49.1   | 46.6      | 48.4      |
| 6N6 (L1)               | Demonstrate an understanding of percent as ratio                             | 62.3   | 50.2      | 50.0      |
| 6N6 (L3)               | Demonstrate an understanding of percent as ratio                             | 79.3   | 84.4      | 84.1      |
| 6N3 (L2)               | Distinguish between prime and composite numbers                              | 47.2   | 52.9      | 54.8      |
| 6N3 (L2)               | Determine factors of a given number  | 64.2   | 64.7      | 66.3      |
| 6N4 (L1)               | Place an improper fraction on a number line                                  | 43.4   | 36.8      | 38.2      |
| 6N7 (L3)               | Select integer that best fits description                                    | 66.0   | 72.3      | 71.9      |
| Number Operations      |  |        |           |           |
| 6N8 (L2)               | Compute products of whole numbers and decimals                               | 85.5   | 81.9      | 83.1      |
| 6N2, 6N8 (L2)          | Compute quotients of whole numbers and decimals                              | 80.0   | 63.5      | 64.5      |
| 6N8 (L3)               | Place decimal in correct position in a product of whole numbers and decimals | 83.6   | 83.0      | 83.8      |
| 6N2, 6N8 (L2)          | Solve a problem that involves division of decimals                           | 76.4   | 70.8      | 71.0      |
| 6N2, 6N8 (L2)          | Solve a problem that involves multiplication of decimals                     | 58.2   | 64.0      | 64.1      |
| 6N2 (L2)               | Estimate the solution to a subtraction problem                               | 52.7   | 53.6      | 53.4      |
| 6N2 (L3)               | Determine number expression represented by base ten blocks                   | 58.2   | 55.7      | 56.7      |
| 6N9 (L3)               | Apply the order of operations to solve a problem                             | 45.5   | 48.9      | 50.1      |
| 6N9 (L2)               | Apply the order of operations to solve a problem                             | 67.3   | 48.4      | 49.7      |
| Patterns and Relations |  |        |           |           |
| 6PR1 (L2)              | Identify the value of an unknown term in a table of values                   | 86.8   | 84.0      | 84.2      |
| 6PR1 (L3)              | Identify an error in a given table of values                                 | 88.7   | 87.9      | 87.9      |
| 6PR1, 6PR3 (L2)        | Write a mathematical expression for a situation                              | 43.4   | 23.3      | 24.4      |
| 6PR3 (L2)              | Represent a pattern rule using a simple mathematical expression              | 69.8   | 51.2      | 53.5      |
| 6PR3 (L2)              | Extend a pattern that is shown on a line graph                               | 83.0   | 76.2      | 75.9      |
| 6PR4 (L2)              | Identifying an equivalent equation for a given equation                      | 56.6   | 50.0      | 50.3      |
| 6PR4 (L2)              | Identifying an equivalent equation for a given model                         | 35.9   | 28.4      | 28.9      |
| 6PR1, 6PR2 (L2)        | Determine a mathematical expression for a situation and a table of values    | 56.6   | 29.4      | 31.9      |
| Shape and Space        |  |        |           |           |
| 6SS1 (L1)              | Classify a given angle according to its measure                              | 86.8   | 82.1      | 82.5      |
| 6SS1 (L1)              | Estimate the measure of an angle   | 90.6   | 85.8      | 85.9      |
| 6SS2 (L2)              | Demonstrate the sum of interior angles of a triangle is 180°                 | 79.3   | 72.0      | 72.7      |
| 6SS2 (L2)              | Demonstrate the sum of interior angles of a quadrilateral is 360°            | 77.4   | 74.5      | 74.4      |
| 6SS3 (L2)              | Find the perimeter and area of a given polygon                               | 58.5   | 58.4      | 59.2      |
| 6SS3 (L1)              | Find the volume of a given rectangular prism                                 | 43.4   | 41.8      | 43.1      |
| 6SS4 (L1)              | Identify a given triangle according to its angle measures                    | 47.2   | 62.2      | 63.5      |
| 6SS5 (L2)              | Sort a given set of polygons according to given attributes                   | 62.3   | 56.3      | 57.4      |
| 6SS4, 6SS5 (L1)        | Identify congruent triangles   | 77.4   | 75.1      | 77.1      |
| 6SS8 (L1)              | Identify the coordinates of two given points on a Cartesian plane            | 69.8   | 67.4      | 68.9      |
| 6SS6 (L1)              | Describe the combined transformations performed on a 2-D shape               | 58.5   | 73.7      | 74.4      |
| 6SS9 (L1)              | Describe the single transformation performed on a 2-D shape                  | 83.0   | 79.5      | 80.4      |
| 6SS7 (L2)              | Identify the successive transformations performed to create a design         | 71.7   | 64.7      | 66.2      |
|                        |  |        | 1         | 1         |

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Source: Division of Evaluation and Research, Department of Education and Early Childhood Development



(Item Analysis: % of content answered correctly)

#### NLESD - Eastern Region

### School #: 310 Mount Pearl Intermediate, Mount Pearl

Grades: 5-9

| Outcome(s)<br>Cognitive Level   | Outcome Description  | School<br>[N=94] | <b>Region</b><br>[N=2,877] | <b>Province</b><br>[N=4,875] |
|---------------------------------|--|------------------|----------------------------|------------------------------|
| Number Concepts                 |  |                  |                            |                              |
| 6N1 (L1)                        | Identify the value of a digit in a given number                              | 80.0             | 67.5                       | 68.2                         |
| 6N1 (L2)                        | Demonstrate an understanding of place value through base ten representations | 31.1             | 37.4                       | 38.1                         |
| 6N5 (L1)                        | Write and interpret ratios comparing part-to-whole                           | 67.8             | 59.6                       | 59.7                         |
| 6N5 (L2)                        | Demonstrate an understanding of equivalent ratios                            | 61.1             | 46.6                       | 48.4                         |
| 6N6 (L1)                        | Demonstrate an understanding of percent as ratio                             | 53.3             | 50.2                       | 50.0                         |
| 6N6 (L3)                        | Demonstrate an understanding of percent as ratio                             | 87.8             | 84.4                       | 84.1                         |
| 6N3 (L2)                        | Distinguish between prime and composite numbers                              | 57.8             | 52.9                       | 54.8                         |
| 6N3 (L2)                        | Determine factors of a given number  | 64.4             | 64.7                       | 66.3                         |
| 6N4 (L1)                        | Place an improper fraction on a number line                                  | 40.0             | 36.8                       | 38.2                         |
| 6N7 (L3)                        | Select integer that best fits description                                    | 67.8             | 72.3                       | 71.9                         |
| Number Operations               |  |                  |                            |                              |
| 6N8 (L2)                        | Compute products of whole numbers and decimals                               | 78.3             | 81.9                       | 83.1                         |
| 6N2, 6N8 (L2)                   | Compute quotients of whole numbers and decimals                              | 64.1             | 63.5                       | 64.5                         |
| 6N8 (L3)                        | Place decimal in correct position in a product of whole numbers and decimals | 87.0             | 83.0                       | 83.8                         |
| 6N2, 6N8 (L2)                   | Solve a problem that involves division of decimals                           | 63.0             | 70.8                       | 71.0                         |
| 6N2, 6N8 (L2)                   | Solve a problem that involves multiplication of decimals                     | 66.3             | 64.0                       | 64.1                         |
| 6N2 (L2)                        | Estimate the solution to a subtraction problem                               | 48.9             | 53.6                       | 53.4                         |
| 6N2 (L3)                        | Determine number expression represented by base ten blocks                   | 52.2             | 55.7                       | 56.7                         |
| 6N9 (L3)                        | Apply the order of operations to solve a problem                             | 41.3             | 48.9                       | 50.1                         |
| 6N9 (L2)                        | Apply the order of operations to solve a problem                             | 45.7             | 48.4                       | 49.7                         |
| Patterns and Relations          |  |                  |                            |                              |
| 6PR1 (L2)                       | Identify the value of an unknown term in a table of values                   | 84.3             | 84.0                       | 84.2                         |
| 6PR1 (L3)                       | Identify an error in a given table of values                                 | 91.0             | 87.9                       | 87.9                         |
| 6PR1, 6PR3 (L2)                 | Write a mathematical expression for a situation                              | 20.2             | 23.3                       | 24.4                         |
| 6PR3 (L2)                       | Represent a pattern rule using a simple mathematical expression              | 61.8             | 51.2                       | 53.5                         |
| 6PR3 (L2)                       | Extend a pattern that is shown on a line graph                               | 84.3             | 76.2                       | 75.9                         |
| 6PR4 (L2)                       | Identifying an equivalent equation for a given equation                      | 53.9             | 50.0                       | 50.3                         |
| 6PR4 (L2)                       | Identifying an equivalent equation for a given model                         | 34.8             | 28.4                       | 28.9                         |
| 6PR1, 6PR2 (L2) Shape and Space | Determine a mathematical expression for a situation and a table of values    | 38.2             | 29.4                       | 31.9                         |
|                                 |  |                  | 00.4                       | 00.5                         |
| 6SS1 (L1)<br>6SS1 (L1)          | Classify a given angle according to its measure                              | 89.9             | 82.1                       | 82.5                         |
| . ,                             | Estimate the measure of an angle   | 87.6             | 85.8                       | 85.9                         |
| 6SS2 (L2)<br>6SS2 (L2)          | Demonstrate the sum of interior angles of a triangle is 180°                 | 76.4             | 72.0                       | 72.7                         |
| 6SS3 (L2)                       | Demonstrate the sum of interior angles of a quadrilateral is 360°            | 83.2             | 74.5                       | 74.4                         |
|                                 | Find the perimeter and area of a given polygon                               | 71.9             | 58.4                       | 59.2                         |
| 6SS3 (L1)                       | Find the volume of a given rectangular prism                                 | 50.6             | 41.8                       | 43.1                         |
| 6SS4 (L1)                       | Identify a given triangle according to its angle measures                    | 76.4             | 62.2                       | 63.5                         |
| 6SS5 (L2)                       | Sort a given set of polygons according to given attributes                   | 59.6             | 56.3                       | 57.4                         |
| 6SS4, 6SS5 (L1)                 | Identify congruent triangles   | 83.2             | 75.1                       | 77.1                         |
| 6SS8 (L1)                       | Identify the coordinates of two given points on a Cartesian plane            | 62.9             | 67.4                       | 68.9                         |
| 6SS6 (L1)                       | Describe the combined transformations performed on a 2-D shape               | 77.5             | 73.7                       | 74.4                         |
| 6SS9 (L1)                       | Describe the single transformation performed on a 2-D shape                  | 86.5             | 79.5                       | 80.4                         |
| 6SS7 (L2)                       | Identify the successive transformations performed to create a design         | 74.2             | 64.7                       | 66.2                         |



(Item Analysis: % of content answered correctly)

#### NLESD - Eastern Region

### School #: 312 Newtown Elementary, Mount Pearl

Grades: K-6

| Outcome(s)<br>Cognitive Level             | Outcome Description  | School<br>[N=47] | <b>Region</b><br>[N=2,877] | <b>Province</b><br>[N=4,875] |
|---|--|------------------|----------------------------|------------------------------|
| Number Concepts                           |  |                  |                            |                              |
| 6N1 (L1)                                  | Identify the value of a digit in a given number  | 84.4             | 67.5                       | 68.2                         |
| 6N1 (L2)                                  | Demonstrate an understanding of place value through base ten representations   | 46.7             | 37.4                       | 38.1                         |
| 6N5 (L1)                                  | Write and interpret ratios comparing part-to-whole   | 42.2             | 59.6                       | 59.7                         |
| 6N5 (L2)                                  | Demonstrate an understanding of equivalent ratios  | 51.1             | 46.6                       | 48.4                         |
| 6N6 (L1)                                  | Demonstrate an understanding of percent as ratio   | 57.8             | 50.2                       | 50.0                         |
| 6N6 (L3)                                  | Demonstrate an understanding of percent as ratio   | 75.6             | 84.4                       | 84.1                         |
| 6N3 (L2)                                  | Distinguish between prime and composite numbers  | 48.9             | 52.9                       | 54.8                         |
| 6N3 (L2)                                  | Determine factors of a given number  | 62.2             | 64.7                       | 66.3                         |
| 6N4 (L1)                                  | Place an improper fraction on a number line  | 13.3             | 36.8                       | 38.2                         |
| 6N7 (L3)                                  | Select integer that best fits description  | 68.9             | 72.3                       | 71.9                         |
| Number Operations                         |  |                  |                            |                              |
| 6N8 (L2)                                  | Compute products of whole numbers and decimals   | 82.6             | 81.9                       | 83.1                         |
| 6N2, 6N8 (L2)                             | Compute quotients of whole numbers and decimals  | 63.0             | 63.5                       | 64.5                         |
| 6N8 (L3)                                  | Place decimal in correct position in a product of whole numbers and decimals   | 69.6             | 83.0                       | 83.8                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves division of decimals   | 78.3             | 70.8                       | 71.0                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves multiplication of decimals   | 71.7             | 64.0                       | 64.1                         |
| 6N2 (L2)                                  | Estimate the solution to a subtraction problem   | 58.7             | 53.6                       | 53.4                         |
| 6N2 (L3)                                  | Determine number expression represented by base ten blocks   | 65.2             | 55.7                       | 56.7                         |
| 6N9 (L3)                                  | Apply the order of operations to solve a problem   | 32.6             | 48.9                       | 50.1                         |
| 6N9 (L2)                                  | Apply the order of operations to solve a problem   | 21.7             | 48.4                       | 49.7                         |
| Patterns and Relations                    |  |                  |                            |                              |
| 6PR1 (L2)                                 | Identify the value of an unknown term in a table of values   | 79.6             | 84.0                       | 84.2                         |
| 6PR1 (L3)                                 | Identify an error in a given table of values   | 95.5             | 87.9                       | 87.9                         |
| 6PR1, 6PR3 (L2)                           | Write a mathematical expression for a situation  | 29.6             | 23.3                       | 24.4                         |
| 6PR3 (L2)                                 | Represent a pattern rule using a simple mathematical expression  | 63.6             | 51.2                       | 53.5                         |
| 6PR3 (L2)                                 | Extend a pattern that is shown on a line graph   | 88.6             | 76.2                       | 75.9                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given equation  | 68.2             | 50.0                       | 50.3                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given model   | 15.9             | 28.4                       | 28.9                         |
| 6PR1, 6PR2 (L2)<br><u>Shape and Space</u> | Determine a mathematical expression for a situation and a table of values  | 34.1             | 29.4                       | 31.9                         |
|   | Classify a given angle according to its measure  | 72.7             | 82.1                       | 82.5                         |
| 6SS1 (L1)<br>6SS1 (L1)                    | Estimate the measure of an angle   | 70.5             | 85.8                       | 85.9                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a triangle is 180°   | 65.9             | 72.0                       | 72.7                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a quadrilateral is 360°  | 77.3             | 72.0                       | 74.4                         |
| 6SS3 (L2)                                 | Find the perimeter and area of a given polygon   | 47.7             | 58.4                       | 59.2                         |
| 6SS3 (L1)                                 | Find the volume of a given rectangular prism   | 36.4             | 41.8                       | 43.1                         |
| 6SS4 (L1)                                 | Identify a given triangle according to its angle measures  | 40.9             | 62.2                       | 63.5                         |
| 6SS5 (L2)                                 | Sort a given set of polygons according to given attributes   | 52.3             | 56.3                       | 57.4                         |
|   | Identify congruent triangles   | 68.2             | 75.1                       | 77.1                         |
| 6SS4, 6SS5 (L1)                           | Identify the coordinates of two given points on a Cartesian plane  |                  |                            |                              |
| 6SS8 (L1)                                 |  | 84.1             | 67.4<br>73.7               | 68.9<br>74.4                 |
| 6SS6 (L1)<br>6SS9 (L1)                    | Describe the combined transformations performed on a 2-D shape Describe the single transformation performed on a 2-D shape | 75.0             |                            |                              |
|   |  | 86.4             | 79.5                       | 80.4                         |
| 6SS7 (L2)                                 | Identify the successive transformations performed to create a design   | 75.0             | 64.7                       | 66.2                         |

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Source: Division of Evaluation and Research, Department of Education and Early Childhood Development



(Item Analysis: % of content answered correctly)

#### NLESD - Eastern Region

### School #: 316 St. Peter's Elementary, Mount Pearl

| Grades: K-6 |
|-------------|
|-------------|

| Outcome(s)<br>Cognitive Level             | Outcome Description  | School<br>[N=77] | <b>Region</b><br>[N=2,877] | <b>Province</b><br>[N=4,875] |
|---|--|------------------|----------------------------|------------------------------|
| Number Concepts                           |  |                  |                            |                              |
| 6N1 (L1)                                  | Identify the value of a digit in a given number                              | 62.7             | 67.5                       | 68.2                         |
| 6N1 (L2)                                  | Demonstrate an understanding of place value through base ten representations | 45.3             | 37.4                       | 38.1                         |
| 6N5 (L1)                                  | Write and interpret ratios comparing part-to-whole                           | 60.0             | 59.6                       | 59.7                         |
| 6N5 (L2)                                  | Demonstrate an understanding of equivalent ratios                            | 54.7             | 46.6                       | 48.4                         |
| 6N6 (L1)                                  | Demonstrate an understanding of percent as ratio                             | 60.0             | 50.2                       | 50.0                         |
| 6N6 (L3)                                  | Demonstrate an understanding of percent as ratio                             | 92.0             | 84.4                       | 84.1                         |
| 6N3 (L2)                                  | Distinguish between prime and composite numbers                              | 72.0             | 52.9                       | 54.8                         |
| 6N3 (L2)                                  | Determine factors of a given number  | 70.7             | 64.7                       | 66.3                         |
| 6N4 (L1)                                  | Place an improper fraction on a number line                                  | 33.3             | 36.8                       | 38.2                         |
| 6N7 (L3)                                  | Select integer that best fits description                                    | 72.0             | 72.3                       | 71.9                         |
| Number Operations                         |  |                  |                            |                              |
| 6N8 (L2)                                  | Compute products of whole numbers and decimals                               | 93.3             | 81.9                       | 83.1                         |
| 6N2, 6N8 (L2)                             | Compute quotients of whole numbers and decimals                              | 77.3             | 63.5                       | 64.5                         |
| 6N8 (L3)                                  | Place decimal in correct position in a product of whole numbers and decimals | 89.3             | 83.0                       | 83.8                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves division of decimals                           | 81.3             | 70.8                       | 71.0                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves multiplication of decimals                     | 70.7             | 64.0                       | 64.1                         |
| 6N2 (L2)                                  | Estimate the solution to a subtraction problem                               | 62.7             | 53.6                       | 53.4                         |
| 6N2 (L3)                                  | Determine number expression represented by base ten blocks                   | 61.3             | 55.7                       | 56.7                         |
| 6N9 (L3)                                  | Apply the order of operations to solve a problem                             | 68.0             | 48.9                       | 50.1                         |
| 6N9 (L2)                                  | Apply the order of operations to solve a problem                             | 54.7             | 48.4                       | 49.7                         |
| Patterns and Relations                    |  |                  |                            |                              |
| 6PR1 (L2)                                 | Identify the value of an unknown term in a table of values                   | 89.5             | 84.0                       | 84.2                         |
| 6PR1 (L3)                                 | Identify an error in a given table of values                                 | 96.1             | 87.9                       | 87.9                         |
| 6PR1, 6PR3 (L2)                           | Write a mathematical expression for a situation                              | 42.1             | 23.3                       | 24.4                         |
| 6PR3 (L2)                                 | Represent a pattern rule using a simple mathematical expression              | 73.7             | 51.2                       | 53.5                         |
| 6PR3 (L2)                                 | Extend a pattern that is shown on a line graph                               | 79.0             | 76.2                       | 75.9                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given equation                      | 72.4             | 50.0                       | 50.3                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given model                         | 39.5             | 28.4                       | 28.9                         |
| 6PR1, 6PR2 (L2)<br><u>Shape and Space</u> | Determine a mathematical expression for a situation and a table of values    | 47.4             | 29.4                       | 31.9                         |
| 6SS1 (L1)                                 | Classify a given angle according to its measure                              | 90.8             | 82.1                       | 82.5                         |
| 6SS1 (L1)                                 | Estimate the measure of an angle   | 86.8             | 85.8                       | 85.9                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a triangle is 180°                 |                  |                            |                              |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a quadrilateral is 360°            | 81.6             | 72.0                       | 72.7                         |
| 6SS3 (L2)                                 | Find the perimeter and area of a given polygon                               | 93.4             | 74.5                       | 74.4                         |
| 6SS3 (L1)                                 | Find the volume of a given rectangular prism                                 | 63.2             | 58.4<br>41.8               | 59.2<br>43.1                 |
| 6SS4 (L1)                                 | Identify a given triangle according to its angle measures                    | 79.0             | 62.2                       | 63.5                         |
| 6SS5 (L2)                                 | Sort a given set of polygons according to given attributes                   | 64.5             | 56.3                       | 57.4                         |
| 6SS4, 6SS5 (L1)                           | Identify congruent triangles   | 85.5             | 75.1                       | 77.1                         |
| 6SS8 (L1)                                 | Identify the coordinates of two given points on a Cartesian plane            | 79.0             | 67.4                       | 68.9                         |
| 6SS6 (L1)                                 | Describe the combined transformations performed on a 2-D shape               | 73.7             | 73.7                       | 74.4                         |
| 6SS9 (L1)                                 | Describe the single transformation performed on a 2-D shape                  |                  |                            |                              |
|   |  | 89.5             | 79.5                       | 80.4                         |
| 6SS7 (L2)                                 | Identify the successive transformations performed to create a design         | 77.6             | 64.7                       | 66.2                         |



(Item Analysis: % of content answered correctly)

#### NLESD - Eastern Region

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School #: 317 St. Francis of Assisi Elementary, Logy Bay/Middle Cove/Outer Cove Grades: K-6

| Outcome(s)<br>Cognitive Level             | Outcome Description  | School<br>[N=24] | <b>Region</b><br>[N=2,877] | <b>Province</b><br>[N=4,875] |
|---|--|------------------|----------------------------|------------------------------|
| Number Concepts                           |  |                  |                            |                              |
| 6N1 (L1)                                  | Identify the value of a digit in a given number                              | 95.8             | 67.5                       | 68.2                         |
| 6N1 (L2)                                  | Demonstrate an understanding of place value through base ten representations | 79.2             | 37.4                       | 38.1                         |
| 6N5 (L1)                                  | Write and interpret ratios comparing part-to-whole                           | 87.5             | 59.6                       | 59.7                         |
| 6N5 (L2)                                  | Demonstrate an understanding of equivalent ratios                            | 70.8             | 46.6                       | 48.4                         |
| 6N6 (L1)                                  | Demonstrate an understanding of percent as ratio                             | 75.0             | 50.2                       | 50.0                         |
| 6N6 (L3)                                  | Demonstrate an understanding of percent as ratio                             | 95.8             | 84.4                       | 84.1                         |
| 6N3 (L2)                                  | Distinguish between prime and composite numbers                              | 75.0             | 52.9                       | 54.8                         |
| 6N3 (L2)                                  | Determine factors of a given number  | 87.5             | 64.7                       | 66.3                         |
| 6N4 (L1)                                  | Place an improper fraction on a number line                                  | 62.5             | 36.8                       | 38.2                         |
| 6N7 (L3)                                  | Select integer that best fits description                                    | 83.3             | 72.3                       | 71.9                         |
| Number Operations                         |  |                  |                            |                              |
| 6N8 (L2)                                  | Compute products of whole numbers and decimals                               | 75.0             | 81.9                       | 83.1                         |
| 6N2, 6N8 (L2)                             | Compute quotients of whole numbers and decimals                              | 79.2             | 63.5                       | 64.5                         |
| 6N8 (L3)                                  | Place decimal in correct position in a product of whole numbers and decimals | 91.7             | 83.0                       | 83.8                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves division of decimals                           | 79.2             | 70.8                       | 71.0                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves multiplication of decimals                     | 79.2             | 64.0                       | 64.1                         |
| 6N2 (L2)                                  | Estimate the solution to a subtraction problem                               | 62.5             | 53.6                       | 53.4                         |
| 6N2 (L3)                                  | Determine number expression represented by base ten blocks                   | 66.7             | 55.7                       | 56.7                         |
| 6N9 (L3)                                  | Apply the order of operations to solve a problem                             | 66.7             | 48.9                       | 50.1                         |
| 6N9 (L2)                                  | Apply the order of operations to solve a problem                             | 75.0             | 48.4                       | 49.7                         |
| Patterns and Relations                    |  |                  |                            |                              |
| 6PR1 (L2)                                 | Identify the value of an unknown term in a table of values                   | 90.9             | 84.0                       | 84.2                         |
| 6PR1 (L3)                                 | Identify an error in a given table of values                                 | 95.5             | 87.9                       | 87.9                         |
| 6PR1, 6PR3 (L2)                           | Write a mathematical expression for a situation                              | 54.6             | 23.3                       | 24.4                         |
| 6PR3 (L2)                                 | Represent a pattern rule using a simple mathematical expression              | 63.6             | 51.2                       | 53.5                         |
| 6PR3 (L2)                                 | Extend a pattern that is shown on a line graph                               | 81.8             | 76.2                       | 75.9                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given equation                      | 36.4             | 50.0                       | 50.3                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given model                         | 31.8             | 28.4                       | 28.9                         |
| 6PR1, 6PR2 (L2)<br><u>Shape and Space</u> | Determine a mathematical expression for a situation and a table of values    | 36.4             | 29.4                       | 31.9                         |
| 6SS1 (L1)                                 | Classify a given angle according to its measure                              | 95.5             | 82.1                       | 82.5                         |
| 6SS1 (L1)                                 | Estimate the measure of an angle   | 86.4             | 85.8                       | 85.9                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a triangle is 180°                 | 90.9             | 72.0                       | 72.7                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a quadrilateral is 360°            | 63.6             | 74.5                       | 74.4                         |
| 6SS3 (L2)                                 | Find the perimeter and area of a given polygon                               | 50.0             | 58.4                       | 59.2                         |
| 6SS3 (L1)                                 | Find the volume of a given rectangular prism                                 | 40.9             | 41.8                       | 43.1                         |
| 6SS4 (L1)                                 | Identify a given triangle according to its angle measures                    | 50.0             | 62.2                       | 63.5                         |
| 6SS5 (L2)                                 | Sort a given set of polygons according to given attributes                   | 63.6             | 56.3                       | 57.4                         |
| 6SS4, 6SS5 (L1)                           | Identify congruent triangles   | 90.9             | 75.1                       | 77.1                         |
| 6SS8 (L1)                                 | Identify the coordinates of two given points on a Cartesian plane            | 90.9             | 67.4                       | 68.9                         |
| 6SS6 (L1)                                 | Describe the combined transformations performed on a 2-D shape               | 86.4             | 73.7                       | 74.4                         |
| 6SS9 (L1)                                 | Describe the single transformation performed on a 2-D shape                  | 68.2             | 79.5                       | 80.4                         |
| 6SS7 (L2)                                 | Identify the successive transformations performed to create a design         | 81.8             | 64.7                       | 66.2                         |
|   |  |                  |                            | 00.2                         |



(Item Analysis: % of content answered correctly)

#### NLESD - Eastern Region

### School #: 318 Holy Family Elementary, Paradise

| Outcome(s)<br>Cognitive Level      | Outcome Description  | School<br>[N=102] | <b>Region</b><br>[N=2,877] | <b>Province</b><br>[N=4,875] |
|------------------------------------|--|-------------------|----------------------------|------------------------------|
| Number Concepts                    |  |                   |                            |                              |
| 6N1 (L1)                           | Identify the value of a digit in a given number  | 61.0              | 67.5                       | 68.2                         |
| 6N1 (L2)                           | Demonstrate an understanding of place value through base ten representations                     | 56.0              | 37.4                       | 38.1                         |
| 6N5 (L1)                           | Write and interpret ratios comparing part-to-whole   | 72.0              | 59.6                       | 59.7                         |
| 6N5 (L2)                           | Demonstrate an understanding of equivalent ratios  | 45.0              | 46.6                       | 48.4                         |
| 6N6 (L1)                           | Demonstrate an understanding of percent as ratio   | 64.0              | 50.2                       | 50.0                         |
| 6N6 (L3)                           | Demonstrate an understanding of percent as ratio   | 80.0              | 84.4                       | 84.1                         |
| 6N3 (L2)                           | Distinguish between prime and composite numbers  | 56.0              | 52.9                       | 54.8                         |
| 6N3 (L2)                           | Determine factors of a given number  | 81.0              | 64.7                       | 66.3                         |
| 6N4 (L1)                           | Place an improper fraction on a number line  | 46.0              | 36.8                       | 38.2                         |
| 6N7 (L3)                           | Select integer that best fits description  | 69.0              | 72.3                       | 71.9                         |
| Number Operations                  |  |                   |                            |                              |
| 6N8 (L2)                           | Compute products of whole numbers and decimals   | 86.1              | 81.9                       | 83.1                         |
| 6N2, 6N8 (L2)                      | Compute quotients of whole numbers and decimals  | 63.4              | 63.5                       | 64.5                         |
| 6N8 (L3)                           | Place decimal in correct position in a product of whole numbers and decimals                     | 81.2              | 83.0                       | 83.8                         |
| 6N2, 6N8 (L2)                      | Solve a problem that involves division of decimals   | 74.3              | 70.8                       | 71.0                         |
| 6N2, 6N8 (L2)                      | Solve a problem that involves multiplication of decimals   | 66.3              | 64.0                       | 64.1                         |
| 6N2 (L2)                           | Estimate the solution to a subtraction problem   | 63.4              | 53.6                       | 53.4                         |
| 6N2 (L3)                           | Determine number expression represented by base ten blocks                                       | 67.3              | 55.7                       | 56.7                         |
| 6N9 (L3)                           | Apply the order of operations to solve a problem   | 42.6              | 48.9                       | 50.1                         |
| 6N9 (L2)                           | Apply the order of operations to solve a problem   | 43.6              | 48.4                       | 49.7                         |
| Patterns and Relations             |  |                   |                            |                              |
| 6PR1 (L2)                          | Identify the value of an unknown term in a table of values                                       | 83.2              | 84.0                       | 84.2                         |
| 6PR1 (L3)                          | Identify an error in a given table of values   | 90.1              | 87.9                       | 87.9                         |
| 6PR1, 6PR3 (L2)                    | Write a mathematical expression for a situation  | 20.8              | 23.3                       | 24.4                         |
| 6PR3 (L2)                          | Represent a pattern rule using a simple mathematical expression                                  | 55.5              | 51.2                       | 53.5                         |
| 6PR3 (L2)                          | Extend a pattern that is shown on a line graph   | 82.2              | 76.2                       | 75.9                         |
| 6PR4 (L2)                          | Identifying an equivalent equation for a given equation  | 49.5              | 50.0                       | 50.3                         |
| 6PR4 (L2)                          | Identifying an equivalent equation for a given model   | 28.7              | 28.4                       | 28.9                         |
| 6PR1, 6PR2 (L2)<br>Shape and Space | Determine a mathematical expression for a situation and a table of values                        | 28.7              | 29.4                       | 31.9                         |
|                                    |  | 77.0              | 00.4                       | 00.5                         |
| 6SS1 (L1)<br>6SS1 (L1)             | Classify a given angle according to its measure  | 77.2              | 82.1                       | 82.5                         |
|                                    | Estimate the measure of an angle<br>Demonstrate the sum of interior angles of a triangle is 180° | 90.1              | 85.8                       | 85.9                         |
| 6SS2 (L2)<br>6SS2 (L2)             |  | 68.3              | 72.0                       | 72.7                         |
| 6SS3 (L2)                          | Demonstrate the sum of interior angles of a quadrilateral is 360°                                | 81.2              | 74.5                       | 74.4                         |
| 6SS3 (L2)                          | Find the perimeter and area of a given polygon Find the volume of a given rectangular prism      | 65.4<br>54.5      | 58.4<br>41.8               | 59.2<br>43.1                 |
| 6SS4 (L1)                          | Identify a given triangle according to its angle measures  | 54.5              | 62.2                       | 63.5                         |
| 6SS5 (L2)                          | Sort a given set of polygons according to given attributes                                       | 53.5              | 56.3                       | 57.4                         |
| . ,                                | Identify congruent triangles   | 77.2              | 75.1                       | 77.1                         |
| 6SS4, 6SS5 (L1)<br>6SS8 (L1)       | Identify the coordinates of two given points on a Cartesian plane                                | _                 |                            | 68.9                         |
|                                    | Describe the combined transformations performed on a 2-D shape                                   | 67.3<br>82.2      | 67.4<br>73.7               | 68.9<br>74.4                 |
| 6SS6 (L1)<br>6SS9 (L1)             |  |                   |                            |                              |
|                                    | Describe the single transformation performed on a 2-D shape                                      | 93.1              | 79.5                       | 80.4                         |
| 6SS7 (L2)                          | Identify the successive transformations performed to create a design                             | 75.3              | 64.7                       | 66.2                         |



(Item Analysis: % of content answered correctly)

#### NLESD - Eastern Region

School #: 320 Beachy Cove Elementary, Portugal Cove - St. Philip's

| Outcome(s)<br>Cognitive Level       | Outcome Description   | School<br>[N=73] | <b>Region</b><br>[N=2,877] | <b>Province</b><br>[N=4,875] |
|-------------------------------------|---|------------------|----------------------------|------------------------------|
| Number Concepts                     |   |                  |                            |                              |
| 6N1 (L1)                            | Identify the value of a digit in a given number   | 77.1             | 67.5                       | 68.2                         |
| 6N1 (L2)                            | Demonstrate an understanding of place value through base ten representations  | 60.0             | 37.4                       | 38.1                         |
| 6N5 (L1)                            | Write and interpret ratios comparing part-to-whole  | 75.7             | 59.6                       | 59.7                         |
| 6N5 (L2)                            | Demonstrate an understanding of equivalent ratios   | 52.9             | 46.6                       | 48.4                         |
| 6N6 (L1)                            | Demonstrate an understanding of percent as ratio  | 72.9             | 50.2                       | 50.0                         |
| 6N6 (L3)                            | Demonstrate an understanding of percent as ratio  | 90.0             | 84.4                       | 84.1                         |
| 6N3 (L2)                            | Distinguish between prime and composite numbers   | 71.4             | 52.9                       | 54.8                         |
| 6N3 (L2)                            | Determine factors of a given number   | 72.9             | 64.7                       | 66.3                         |
| 6N4 (L1)                            | Place an improper fraction on a number line   | 54.3             | 36.8                       | 38.2                         |
| 6N7 (L3)                            | Select integer that best fits description   | 82.9             | 72.3                       | 71.9                         |
| Number Operations                   |   |                  |                            |                              |
| 6N8 (L2)                            | Compute products of whole numbers and decimals  | 84.7             | 81.9                       | 83.1                         |
| 6N2, 6N8 (L2)                       | Compute quotients of whole numbers and decimals   | 69.4             | 63.5                       | 64.5                         |
| 6N8 (L3)                            | Place decimal in correct position in a product of whole numbers and decimals  | 83.3             | 83.0                       | 83.8                         |
| 6N2, 6N8 (L2)                       | Solve a problem that involves division of decimals  | 76.4             | 70.8                       | 71.0                         |
| 6N2, 6N8 (L2)                       | Solve a problem that involves multiplication of decimals  | 80.6             | 64.0                       | 64.1                         |
| 6N2 (L2)                            | Estimate the solution to a subtraction problem  | 52.8             | 53.6                       | 53.4                         |
| 6N2 (L3)                            | Determine number expression represented by base ten blocks  | 69.4             | 55.7                       | 56.7                         |
| 6N9 (L3)                            | Apply the order of operations to solve a problem  | 56.9             | 48.9                       | 50.1                         |
| 6N9 (L2)                            | Apply the order of operations to solve a problem  | 69.4             | 48.4                       | 49.7                         |
| Patterns and Relations<br>6PR1 (L2) | Identify the value of an unknown term in a table of values  | 91.6             | 84.0                       | 84.2                         |
| 6PR1 (L3)                           | Identify an error in a given table of values  | 95.8             | 87.9                       | 87.9                         |
|                                     |   |                  |                            |                              |
| 6PR1, 6PR3 (L2)                     | Write a mathematical expression for a situation   | 36.6             | 23.3                       | 24.4                         |
| 6PR3 (L2)                           | Represent a pattern rule using a simple mathematical expression   | 62.0<br>85.9     | 51.2<br>76.2               | 53.5<br>75.9                 |
| 6PR3 (L2)<br>6PR4 (L2)              | Extend a pattern that is shown on a line graph  | 74.7             | 50.0                       | 50.3                         |
| 6PR4 (L2)                           | Identifying an equivalent equation for a given equation Identifying an equivalent equation for a given model                        | 39.4             | 28.4                       | 28.9                         |
| 6PR1, 6PR2 (L2)                     | Determine a mathematical expression for a situation and a table of values   | 40.9             | 29.4                       | 31.9                         |
| Shape and Space                     |   |                  |                            |                              |
| 6SS1 (L1)                           | Classify a given angle according to its measure   | 91.4             | 82.1                       | 82.5                         |
| 6SS1 (L1)                           | Estimate the measure of an angle  | 92.9             | 85.8                       | 85.9                         |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a triangle is 180°  | 84.3             | 72.0                       | 72.7                         |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a quadrilateral is 360°   | 81.4             | 74.5                       | 74.4                         |
| 6SS3 (L2)                           | Find the perimeter and area of a given polygon  | 77.1             | 58.4                       | 59.2                         |
| 6SS3 (L1)                           | Find the volume of a given rectangular prism  | 58.6             | 41.8                       | 43.1                         |
| 6SS4 (L1)                           | Identify a given triangle according to its angle measures   | 71.4             | 62.2                       | 63.5                         |
| 6SS5 (L2)                           | Sort a given set of polygons according to given attributes  |                  | 56.3                       | 57.4                         |
| 6SS4, 6SS5 (L1)                     | Identify congruent triangles  | 68.6<br>92.9     | 75.1                       | 77.1                         |
| 6SS8 (L1)                           | Identify the coordinates of two given points on a Cartesian plane   | 88.6             | 67.4                       | 68.9                         |
|                                     | Describe the combined transformations performed on a 2-D shape  | 95.7             | 73.7                       | 74.4                         |
| 6556 (11)                           |   | 55.7             | ,                          | , , , , ,                    |
| 6SS6 (L1)<br>6SS9 (L1)              | Describe the single transformation performed on a 2-D shape   | 02.0             | 70.5                       | 90.4                         |
| 6SS6 (L1)<br>6SS9 (L1)<br>6SS7 (L2) | Describe the single transformation performed on a 2-D shape<br>Identify the successive transformations performed to create a design | 92.9<br>82.9     | 79.5<br>64.7               | 80.4<br>66.2                 |



(Item Analysis: % of content answered correctly)

#### NLESD - Eastern Region

### School #: 325 Bishop Abraham Elementary, St. John's

Grades: K-6

| Outcome(s)<br>Cognitive Level  | Outcome Description  | School<br>[N=38]   | <b>Region</b><br>[N=2,877]   | <b>Province</b><br>[N=4,875]   |
|--|--|--|--|--|
| Number Concepts  |  |  |  |  |
| 6N1 (L1)   | Identify the value of a digit in a given number  | 60.5   | 67.5   | 68.2   |
| 6N1 (L2)   | Demonstrate an understanding of place value through base ten representations   | 21.1   | 37.4   | 38.1   |
| 6N5 (L1)   | Write and interpret ratios comparing part-to-whole   | 44.7   | 59.6   | 59.7   |
| 6N5 (L2)   | Demonstrate an understanding of equivalent ratios  | 31.6   | 46.6   | 48.4   |
| 6N6 (L1)   | Demonstrate an understanding of percent as ratio   | 44.7   | 50.2   | 50.0   |
| 6N6 (L3)   | Demonstrate an understanding of percent as ratio   | 79.0   | 84.4   | 84.1   |
| 6N3 (L2)   | Distinguish between prime and composite numbers  | 26.3   | 52.9   | 54.8   |
| 6N3 (L2)   | Determine factors of a given number  | 65.8   | 64.7   | 66.3   |
| 6N4 (L1)   | Place an improper fraction on a number line  | 23.7   | 36.8   | 38.2   |
| 6N7 (L3)   | Select integer that best fits description  | 63.2   | 72.3   | 71.9   |
| Number Operations  |  |  |  |  |
| 6N8 (L2)   | Compute products of whole numbers and decimals   | 65.7   | 81.9   | 83.1   |
| 6N2, 6N8 (L2)  | Compute quotients of whole numbers and decimals  | 40.0   | 63.5   | 64.5   |
| 6N8 (L3)   | Place decimal in correct position in a product of whole numbers and decimals   | 71.4   | 83.0   | 83.8   |
| 6N2, 6N8 (L2)  | Solve a problem that involves division of decimals   | 71.4   | 70.8   | 71.0   |
| 6N2, 6N8 (L2)  | Solve a problem that involves multiplication of decimals   | 57.1   | 64.0   | 64.1   |
| 6N2 (L2)   | Estimate the solution to a subtraction problem   | 45.7   | 53.6   | 53.4   |
| 6N2 (L3)   | Determine number expression represented by base ten blocks   | 60.0   | 55.7   | 56.7   |
| 6N9 (L3)   | Apply the order of operations to solve a problem   | 31.4   | 48.9   | 50.1   |
|  |  |  |  |  |
| 6N9 (L2)   | Apply the order of operations to solve a problem   | 31.4   | 48.4   | 49.7   |
| 6N9 (L2)<br><u>Patterns and Relations</u><br>6PR1 (L2)   | Apply the order of operations to solve a problem<br>Identify the value of an unknown term in a table of values   | 78.4   | 48.4   | 49.7<br>84.2   |
| Patterns and Relations   |  | 78.4   | 84.0   |  |
| Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)   | Identify the value of an unknown term in a table of values<br>Identify an error in a given table of values   | 78.4   | 84.0<br>87.9   | 84.2<br>87.9   |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)   | Identify the value of an unknown term in a table of values<br>Identify an error in a given table of values<br>Write a mathematical expression for a situation  | 78.4<br>81.1<br>10.8   | 84.0<br>87.9<br>23.3   | 84.2<br>87.9<br>24.4   |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression  | 78.4<br>81.1<br>10.8<br>32.4   | 84.0<br>87.9<br>23.3<br>51.2   | 84.2<br>87.9<br>24.4<br>53.5   |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph   | 78.4<br>81.1<br>10.8   | 84.0<br>87.9<br>23.3   | 84.2<br>87.9<br>24.4   |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression  | 78.4<br>81.1<br>10.8<br>32.4<br>59.5   | 84.0<br>87.9<br>23.3<br>51.2<br>76.2   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9   |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation   | 78.4<br>81.1<br>10.8<br>32.4<br>59.5<br>54.1   | 84.0<br>87.9<br>23.3<br>51.2<br>76.2<br>50.0   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3   |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values  | 78.4           81.1           10.8           32.4           59.5           54.1           27.0           13.5  | 84.0<br>87.9<br>23.3<br>51.2<br>76.2<br>50.0<br>28.4<br>29.4   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9   |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)           Shape and Space           6SS1 (L1)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure  | 78.4           81.1           10.8           32.4           59.5           54.1           27.0           13.5           78.4   | 84.0<br>87.9<br>23.3<br>51.2<br>76.2<br>50.0<br>28.4<br>29.4<br>82.1   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5   |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)           Shape and Space           6SS1 (L1)           6SS1 (L1)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle   | 78.4<br>81.1<br>10.8<br>32.4<br>59.5<br>54.1<br>27.0<br>13.5<br>78.4<br>94.6   | 84.0<br>87.9<br>23.3<br>51.2<br>76.2<br>50.0<br>28.4<br>29.4<br>82.1<br>85.8   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9   |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)           Shape and Space           6SS1 (L1)           6SS2 (L2)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°  | 78.4           81.1           10.8           32.4           59.5           54.1           27.0           13.5           78.4           94.6           75.7   | 84.0<br>87.9<br>23.3<br>51.2<br>76.2<br>50.0<br>28.4<br>29.4<br>82.1<br>85.8<br>72.0   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7   |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6SS1 (L1)           6SS2 (L2)           6SS2 (L2) | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°  | 78.4           81.1           10.8           32.4           59.5           54.1           27.0           13.5           78.4           94.6           75.7           73.0  | 84.0<br>87.9<br>23.3<br>51.2<br>76.2<br>50.0<br>28.4<br>29.4<br>82.1<br>85.8<br>72.0<br>74.5   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4   |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)           Shape and Space           6SS1 (L1)           6SS2 (L2)           6SS3 (L2)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon   | 78.4           81.1           10.8           32.4           59.5           54.1           27.0           13.5           78.4           94.6           75.7           73.0           43.2   | 84.0<br>87.9<br>23.3<br>51.2<br>76.2<br>50.0<br>28.4<br>29.4<br>82.1<br>85.8<br>72.0<br>74.5<br>58.4   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2   |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)           Shape and Space           6SS1 (L1)           6SS2 (L2)           6SS3 (L2)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°  | 78.4         81.1         10.8         32.4         59.5         54.1         27.0         13.5         78.4         94.6         75.7         73.0         43.2         32.4  | 84.0           87.9           23.3           51.2           76.2           50.0           28.4           29.4           82.1           85.8           72.0           74.5           58.4           41.8  | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1   |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1 (L3)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6SS1 (L1)           6SS2 (L2)           6SS3 (L2)           6SS3 (L1)           6SS4 (L1)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures  | 78.4           81.1           10.8           32.4           59.5           54.1           27.0           13.5           78.4           94.6           75.7           73.0           43.2           32.4           64.9                         | 84.0<br>87.9<br>23.3<br>51.2<br>76.2<br>50.0<br>28.4<br>29.4<br>82.1<br>85.8<br>72.0<br>74.5<br>58.4<br>41.8<br>62.2   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1<br>63.5   |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6SS1 (L1)           6SS1 (L1)           6SS2 (L2)           6SS3 (L1)           6SS4 (L1)           6SS5 (L2)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Pemonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to given attributes   | 78.4         81.1         10.8         32.4         59.5         54.1         27.0         13.5         78.4         94.6         75.7         73.0         43.2         32.4         64.9         40.5  | 84.0           87.9           23.3           51.2           76.2           50.0           28.4           29.4           82.1           85.8           72.0           74.5           58.4           41.8           62.2           56.3  | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1<br>63.5<br>57.4   |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6SS1 (L1)           6SS2 (L2)           6SS3 (L1)           6SS4 (L1)           6SS5 (L2)           6SS4 (SS5 (L1)  | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures         Sort a given set of polygons according to given attributes         Identify congruent triangles  | 78.4         81.1         10.8         32.4         59.5         54.1         27.0         13.5         78.4         94.6         75.7         73.0         43.2         32.4         64.9         40.5         54.1                           | 84.0           87.9           23.3           51.2           76.2           50.0           28.4           29.4           82.1           85.8           72.0           74.5           58.4           41.8           62.2           56.3           75.1                               | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1<br>63.5<br>57.4<br>77.1   |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6SS1 (L1)           6SS2 (L2)           6SS4 (L1)           6SS4 (6SS5 (L1)           6SS8 (L1)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Permonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to given attributes         Identify congruent triangles         Identify the coordinates of two given points on a Cartesian plane   | 78.4         81.1         10.8         32.4         59.5         54.1         27.0         13.5         78.4         94.6         75.7         73.0         43.2         32.4         64.9         40.5         54.1                           | 84.0           87.9           23.3           51.2           76.2           50.0           28.4           29.4           82.1           85.8           72.0           74.5           58.4           41.8           62.2           56.3           75.1           67.4                | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1<br>63.5<br>57.4<br>77.1<br>68.9   |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6SS1 (L1)           6SS2 (L2)           6SS3 (L2)           6SS3 (L1)           6SS4 (L1)           6SS4 (L1)           6SS4 (L1)           6SS4 (L1)           6SS4 (L1)           6SS4 (L1)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to its angle measures         Sort a given set of polygons according to given attributes         Identify the coordinates of two given points on a Cartesian plane         Describe the combined transformations performed on a 2-D shape | 78.4         81.1         10.8         32.4         59.5         54.1         27.0         13.5         78.4         94.6         75.7         73.0         43.2         32.4         64.9         40.5         54.1         51.4         56.8 | 84.0           87.9           23.3           51.2           76.2           50.0           28.4           29.4           82.1           85.8           72.0           74.5           58.4           41.8           62.2           56.3           75.1           67.4           73.7 | 84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5           57.4           77.1           68.9           74.4 |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6SS1 (L1)           6SS2 (L2)           6SS4 (L1)           6SS4 (6SS5 (L1)           6SS8 (L1)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Permonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to given attributes         Identify congruent triangles         Identify the coordinates of two given points on a Cartesian plane   | 78.4         81.1         10.8         32.4         59.5         54.1         27.0         13.5         78.4         94.6         75.7         73.0         43.2         32.4         64.9         40.5         54.1                           | 84.0           87.9           23.3           51.2           76.2           50.0           28.4           29.4           82.1           85.8           72.0           74.5           58.4           41.8           62.2           56.3           75.1           67.4                | 84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5           57.4           77.1           68.9                |

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Source: Division of Evaluation and Research, Department of Education and Early Childhood Development



(Item Analysis: % of content answered correctly)

#### NLESD - Eastern Region

School #: 326 Bishop Feild Elementary, St. John's

Grades: K-6

| Outcome(s)                   |  | School | Region       | Province     |
|------------------------------|--|--------|--------------|--------------|
| Cognitive Level              | Outcome Description  | [N=35] | [N=2,877]    | [N=4,875]    |
| Number Concepts              |  |        |              |              |
| 6N1 (L1)                     | Identify the value of a digit in a given number                              | 73.5   | 67.5         | 68.2         |
| 6N1 (L2)                     | Demonstrate an understanding of place value through base ten representations | 44.1   | 37.4         | 38.1         |
| 6N5 (L1)                     | Write and interpret ratios comparing part-to-whole                           | 67.7   | 59.6         | 59.7         |
| 6N5 (L2)                     | Demonstrate an understanding of equivalent ratios                            | 50.0   | 46.6         | 48.4         |
| 6N6 (L1)                     | Demonstrate an understanding of percent as ratio                             | 64.7   | 50.2         | 50.0         |
| 6N6 (L3)                     | Demonstrate an understanding of percent as ratio                             | 91.2   | 84.4         | 84.1         |
| 6N3 (L2)                     | Distinguish between prime and composite numbers                              | 44.1   | 52.9         | 54.8         |
| 6N3 (L2)                     | Determine factors of a given number  | 47.1   | 64.7         | 66.3         |
| 6N4 (L1)                     | Place an improper fraction on a number line                                  | 32.4   | 36.8         | 38.2         |
| 6N7 (L3)                     | Select integer that best fits description                                    | 76.5   | 72.3         | 71.9         |
| Number Operations            |  |        |              |              |
| 6N8 (L2)                     | Compute products of whole numbers and decimals                               | 80.0   | 81.9         | 83.1         |
| 6N2, 6N8 (L2)                | Compute quotients of whole numbers and decimals                              | 62.9   | 63.5         | 64.5         |
| 6N8 (L3)                     | Place decimal in correct position in a product of whole numbers and decimals | 97.1   | 83.0         | 83.8         |
| 6N2, 6N8 (L2)                | Solve a problem that involves division of decimals                           | 60.0   | 70.8         | 71.0         |
| 6N2, 6N8 (L2)                | Solve a problem that involves multiplication of decimals                     | 74.3   | 64.0         | 64.1         |
| 6N2 (L2)                     | Estimate the solution to a subtraction problem                               | 57.1   | 53.6         | 53.4         |
| 6N2 (L3)                     | Determine number expression represented by base ten blocks                   | 68.6   | 55.7         | 56.7         |
| 6N9 (L3)                     | Apply the order of operations to solve a problem                             | 42.9   | 48.9         | 50.1         |
| 6N9 (L2)                     | Apply the order of operations to solve a problem                             | 25.7   | 48.4         | 49.7         |
| Patterns and Relations       |  |        | 04.0         | 04.0         |
| 6PR1 (L2)                    | Identify the value of an unknown term in a table of values                   | 85.3   | 84.0         | 84.2         |
| 6PR1 (L3)                    | Identify an error in a given table of values                                 | 85.3   | 87.9         | 87.9         |
| 6PR1, 6PR3 (L2)              | Write a mathematical expression for a situation                              | 20.6   | 23.3         | 24.4         |
| 6PR3 (L2)                    | Represent a pattern rule using a simple mathematical expression              | 61.8   | 51.2         | 53.5         |
| 6PR3 (L2)                    | Extend a pattern that is shown on a line graph                               | 67.7   | 76.2         | 75.9         |
| 6PR4 (L2)                    | Identifying an equivalent equation for a given equation                      | 44.1   | 50.0         | 50.3         |
| 6PR4 (L2)<br>6PR1, 6PR2 (L2) | Identifying an equivalent equation for a given model                         | 38.2   | 28.4<br>29.4 | 28.9<br>31.9 |
| Shape and Space              | Determine a mathematical expression for a situation and a table of values    | 32.4   | 23.4         | 51.9         |
| 6SS1 (L1)                    | Classify a given angle according to its measure                              | 76.5   | 82.1         | 82.5         |
| 6SS1 (L1)                    | Estimate the measure of an angle   | 76.5   | 85.8         | 85.9         |
| 6SS2 (L2)                    | Demonstrate the sum of interior angles of a triangle is 180°                 | 67.7   | 72.0         | 72.7         |
| 6SS2 (L2)                    | Demonstrate the sum of interior angles of a quadrilateral is 360°            | 76.5   | 74.5         | 74.4         |
| 6SS3 (L2)                    | Find the perimeter and area of a given polygon                               | 61.8   | 58.4         | 59.2         |
| 6SS3 (L1)                    | Find the volume of a given rectangular prism                                 | 41.2   | 41.8         | 43.1         |
| 6SS4 (L1)                    | Identify a given triangle according to its angle measures                    | 67.7   | 62.2         | 63.5         |
| 6SS5 (L2)                    | Sort a given set of polygons according to given attributes                   | 47.1   | 56.3         | 57.4         |
| 6SS4, 6SS5 (L1)              | Identify congruent triangles   | 64.7   | 75.1         | 77.1         |
| 6SS8 (L1)                    | Identify the coordinates of two given points on a Cartesian plane            | 73.5   | 67.4         | 68.9         |
| 6SS6 (L1)                    | Describe the combined transformations performed on a 2-D shape               | 76.5   | 73.7         | 74.4         |
| 6SS9 (L1)                    | Describe the single transformation performed on a 2-D shape                  | 79.4   | 79.5         | 80.4         |
| 6SS7 (L2)                    | Identify the successive transformations performed to create a design         | 79.4   | 64.7         | 66.2         |
|                              | isonary and successive analogonia and performed to create a design           | /0.0   | 04.7         | 00.2         |

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Source: Division of Evaluation and Research, Department of Education and Early Childhood Development

Mushuau Innu Natuashish and Peenamin McKenzie School are excluded from district and provincial results.



(Item Analysis: % of content answered correctly)

#### NLESD - Eastern Region

School #: 331 Cowan Heights Elementary, St. John's

Grades: K-7

| Outcome(s)<br>Cognitive Level       | Outcome Description  | <b>School</b><br>[N=37] | <b>Region</b><br>[N=2,877] | <b>Province</b><br>[N=4,875] |
|-------------------------------------|--|-------------------------|----------------------------|------------------------------|
| 0090 2000                           |  | [11=01]                 | [,]                        |                              |
| Number Concepts                     |  |                         |                            |                              |
| 6N1 (L1)                            | Identify the value of a digit in a given number  | 63.9                    | 67.5                       | 68.2                         |
| 6N1 (L2)                            | Demonstrate an understanding of place value through base ten representations                         | 41.7                    | 37.4                       | 38.1                         |
| 6N5 (L1)                            | Write and interpret ratios comparing part-to-whole   | 55.6                    | 59.6                       | 59.7                         |
| 6N5 (L2)                            | Demonstrate an understanding of equivalent ratios  | 47.2                    | 46.6                       | 48.4                         |
| 6N6 (L1)                            | Demonstrate an understanding of percent as ratio   | 52.8                    | 50.2                       | 50.0                         |
| 6N6 (L3)                            | Demonstrate an understanding of percent as ratio   | 86.1                    | 84.4                       | 84.1                         |
| 6N3 (L2)                            | Distinguish between prime and composite numbers  | 52.8                    | 52.9                       | 54.8                         |
| 6N3 (L2)                            | Determine factors of a given number  | 44.4                    | 64.7                       | 66.3                         |
| 6N4 (L1)                            | Place an improper fraction on a number line  | 38.9                    | 36.8                       | 38.2                         |
| 6N7 (L3)                            | Select integer that best fits description  | 72.2                    | 72.3                       | 71.9                         |
| Number Operations                   |  |                         |                            |                              |
| 6N8 (L2)                            | Compute products of whole numbers and decimals   | 82.9                    | 81.9                       | 83.1                         |
| 6N2, 6N8 (L2)                       | Compute quotients of whole numbers and decimals  | 65.7                    | 63.5                       | 64.5                         |
| 6N8 (L3)                            | Place decimal in correct position in a product of whole numbers and decimals                         | 80.0                    | 83.0                       | 83.8                         |
| 6N2, 6N8 (L2)                       | Solve a problem that involves division of decimals   | 62.9                    | 70.8                       | 71.0                         |
| 6N2, 6N8 (L2)                       | Solve a problem that involves multiplication of decimals   | 77.1                    | 64.0                       | 64.1                         |
| 6N2 (L2)                            | Estimate the solution to a subtraction problem   | 57.1                    | 53.6                       | 53.4                         |
| 6N2 (L3)                            | Determine number expression represented by base ten blocks   | 54.3                    | 55.7                       | 56.7                         |
| 6N9 (L3)                            |  | 57.1                    | 48.9                       | 50.1                         |
| 6N9 (L2)                            | Apply the order of operations to solve a problem<br>Apply the order of operations to solve a problem | 37.1                    | 48.4                       | 49.7                         |
| Patterns and Relations<br>6PR1 (L2) | Identify the value of an unknown term in a table of values   | 94.4                    | 84.0                       | 84.2                         |
| 6PR1 (L3)                           | Identify an error in a given table of values   | 91.7                    | 87.9                       | 87.9                         |
| 6PR1, 6PR3 (L2)                     | Write a mathematical expression for a situation  | 25.0                    | 23.3                       | 24.4                         |
| 6PR3 (L2)                           | Represent a pattern rule using a simple mathematical expression                                      | 55.6                    | 51.2                       | 53.5                         |
| 6PR3 (L2)                           | Extend a pattern that is shown on a line graph   | 75.0                    | 76.2                       | 75.9                         |
| 6PR4 (L2)                           | Identifying an equivalent equation for a given equation  | 50.0                    | 50.0                       | 50.3                         |
| 6PR4 (L2)                           | Identifying an equivalent equation for a given model   | 22.2                    | 28.4                       | 28.9                         |
| 6PR1, 6PR2 (L2)                     | Determine a mathematical expression for a situation and a table of values                            | 27.8                    | 29.4                       | 31.9                         |
| Shape and Space                     |  |                         |                            |                              |
| 6SS1 (L1)                           | Classify a given angle according to its measure  | 88.9                    | 82.1                       | 82.5                         |
| 6SS1 (L1)                           | Estimate the measure of an angle   | 86.1                    | 85.8                       | 85.9                         |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a triangle is 180°   | 63.9                    | 72.0                       | 72.7                         |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a quadrilateral is 360°                                    | 75.0                    | 74.5                       | 74.4                         |
| 6SS3 (L2)                           | Find the perimeter and area of a given polygon   | 55.6                    | 58.4                       | 59.2                         |
| 6SS3 (L1)                           | Find the volume of a given rectangular prism   | 33.3                    | 41.8                       | 43.1                         |
| 6SS4 (L1)                           | Identify a given triangle according to its angle measures  | 50.0                    | 62.2                       | 63.5                         |
| 6SS5 (L2)                           | Sort a given set of polygons according to given attributes   | 52.8                    | 56.3                       | 57.4                         |
| 6SS4, 6SS5 (L1)                     | Identify congruent triangles   | 69.4                    | 75.1                       | 77.1                         |
| 6SS8 (L1)                           | Identify the coordinates of two given points on a Cartesian plane                                    | 83.3                    | 67.4                       | 68.9                         |
| 6SS6 (L1)                           | Describe the combined transformations performed on a 2-D shape                                       | 75.0                    | 73.7                       | 74.4                         |
| 6SS9 (L1)                           | Describe the single transformation performed on a 2-D shape  | 63.9                    | 79.5                       | 80.4                         |
| 6SS7 (L2)                           | Identify the successive transformations performed to create a design                                 | 72.2                    | 64.7                       | 66.2                         |
| //                                  |  |                         |                            |                              |

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Source: Division of Evaluation and Research, Department of Education and Early Childhood Development

Mushuau Innu Natuashish and Peenamin McKenzie School are excluded from district and provincial results.



(Item Analysis: % of content answered correctly)

#### NLESD - Eastern Region

School #: 334 Larkhall Academy, St. John's

Grades: K-6

| Outcome(s)             |  | School | Region    | Province  |
|------------------------|--|--------|-----------|-----------|
| Cognitive Level        | Outcome Description  | [N=59] | [N=2,877] | [N=4,875] |
| Number Concepts        |  |        |           |           |
| 6N1 (L1)               | Identify the value of a digit in a given number                              | 65.5   | 67.5      | 68.2      |
| 6N1 (L2)               | Demonstrate an understanding of place value through base ten representations | 36.2   | 37.4      | 38.1      |
| 6N5 (L1)               | Write and interpret ratios comparing part-to-whole                           | 36.2   | 59.6      | 59.7      |
| 6N5 (L2)               | Demonstrate an understanding of equivalent ratios                            | 51.7   | 46.6      | 48.4      |
| 6N6 (L1)               | Demonstrate an understanding of percent as ratio                             | 48.3   | 50.2      | 50.0      |
| 6N6 (L3)               | Demonstrate an understanding of percent as ratio                             | 77.6   | 84.4      | 84.1      |
| 6N3 (L2)               | Distinguish between prime and composite numbers                              | 34.5   | 52.9      | 54.8      |
| 6N3 (L2)               | Determine factors of a given number  | 50.0   | 64.7      | 66.3      |
| 6N4 (L1)               | Place an improper fraction on a number line                                  | 34.5   | 36.8      | 38.2      |
| 6N7 (L3)               | Select integer that best fits description                                    | 70.7   | 72.3      | 71.9      |
| Number Operations      |  |        |           |           |
| 6N8 (L2)               | Compute products of whole numbers and decimals                               | 85.5   | 81.9      | 83.1      |
| 6N2, 6N8 (L2)          | Compute quotients of whole numbers and decimals                              | 50.9   | 63.5      | 64.5      |
| 6N8 (L3)               | Place decimal in correct position in a product of whole numbers and decimals | 78.2   | 83.0      | 83.8      |
| 6N2, 6N8 (L2)          | Solve a problem that involves division of decimals                           | 67.3   | 70.8      | 71.0      |
| 6N2, 6N8 (L2)          | Solve a problem that involves multiplication of decimals                     | 67.3   | 64.0      | 64.1      |
| 6N2 (L2)               | Estimate the solution to a subtraction problem                               | 43.6   | 53.6      | 53.4      |
| 6N2 (L3)               | Determine number expression represented by base ten blocks                   | 34.6   | 55.7      | 56.7      |
| 6N9 (L3)               | Apply the order of operations to solve a problem                             | 45.5   | 48.9      | 50.1      |
| 6N9 (L2)               | Apply the order of operations to solve a problem                             | 25.5   | 48.4      | 49.7      |
| Patterns and Relations |  |        |           |           |
| 6PR1 (L2)              | Identify the value of an unknown term in a table of values                   | 83.9   | 84.0      | 84.2      |
| 6PR1 (L3)              | Identify an error in a given table of values                                 | 87.5   | 87.9      | 87.9      |
| 6PR1, 6PR3 (L2)        | Write a mathematical expression for a situation                              | 19.6   | 23.3      | 24.4      |
| 6PR3 (L2)              | Represent a pattern rule using a simple mathematical expression              | 48.2   | 51.2      | 53.5      |
| 6PR3 (L2)              | Extend a pattern that is shown on a line graph                               | 62.5   | 76.2      | 75.9      |
| 6PR4 (L2)              | Identifying an equivalent equation for a given equation                      | 46.4   | 50.0      | 50.3      |
| 6PR4 (L2)              | Identifying an equivalent equation for a given model                         | 23.2   | 28.4      | 28.9      |
| 6PR1, 6PR2 (L2)        | Determine a mathematical expression for a situation and a table of values    | 19.6   | 29.4      | 31.9      |
| Shape and Space        |  |        |           |           |
| 6SS1 (L1)              | Classify a given angle according to its measure                              | 78.6   | 82.1      | 82.5      |
| 6SS1 (L1)              | Estimate the measure of an angle   | 89.3   | 85.8      | 85.9      |
| 6SS2 (L2)              | Demonstrate the sum of interior angles of a triangle is 180°                 | 66.1   | 72.0      | 72.7      |
| 6SS2 (L2)              | Demonstrate the sum of interior angles of a quadrilateral is 360°            | 73.2   | 74.5      | 74.4      |
| 6SS3 (L2)              | Find the perimeter and area of a given polygon                               | 50.0   | 58.4      | 59.2      |
| 6SS3 (L1)              | Find the volume of a given rectangular prism                                 | 46.4   | 41.8      | 43.1      |
| 6SS4 (L1)              | Identify a given triangle according to its angle measures                    | 66.1   | 62.2      | 63.5      |
| 6SS5 (L2)              | Sort a given set of polygons according to given attributes                   | 69.6   | 56.3      | 57.4      |
| 6SS4, 6SS5 (L1)        | Identify congruent triangles   | 60.7   | 75.1      | 77.1      |
| 6SS8 (L1)              | Identify the coordinates of two given points on a Cartesian plane            | 60.7   | 67.4      | 68.9      |
| 6SS6 (L1)              | Describe the combined transformations performed on a 2-D shape               | 76.8   | 73.7      | 74.4      |
| 6SS9 (L1)              | Describe the single transformation performed on a 2-D shape                  | 75.0   | 79.5      | 80.4      |
| 6SS7 (L2)              | Identify the successive transformations performed to create a design         | 66.1   | 64.7      | 66.2      |



(Item Analysis: % of content answered correctly)

#### NLESD - Eastern Region

School #: 337 Goulds Elementary, St. John's (Goulds)

Grades: K-6

| Outcome(s)<br>Cognitive Level | Outcome Description   | School<br>[N=80] | <b>Region</b><br>[N=2,877] | <b>Province</b><br>[N=4,875] |
|-------------------------------|---|------------------|----------------------------|------------------------------|
| Number Concepts               |   |                  |                            |                              |
| 6N1 (L1)                      | Identify the value of a digit in a given number   | 81.8             | 67.5                       | 68.2                         |
| 6N1 (L2)                      | Demonstrate an understanding of place value through base ten representations                              | 35.1             | 37.4                       | 38.1                         |
| 6N5 (L1)                      | Write and interpret ratios comparing part-to-whole  | 57.1             | 59.6                       | 59.7                         |
| 6N5 (L2)                      | Demonstrate an understanding of equivalent ratios   | 52.0             | 46.6                       | 48.4                         |
| 6N6 (L1)                      | Demonstrate an understanding of percent as ratio  | 64.9             | 50.2                       | 50.0                         |
| 6N6 (L3)                      | Demonstrate an understanding of percent as ratio  | 88.3             | 84.4                       | 84.1                         |
| 6N3 (L2)                      | Distinguish between prime and composite numbers   | 76.6             | 52.9                       | 54.8                         |
| 6N3 (L2)                      | Determine factors of a given number   | 77.9             | 64.7                       | 66.3                         |
| 6N4 (L1)                      | Place an improper fraction on a number line   | 59.7             | 36.8                       | 38.2                         |
| 6N7 (L3)                      | Select integer that best fits description   | 87.0             | 72.3                       | 71.9                         |
| Number Operations             |   |                  |                            |                              |
| 6N8 (L2)                      | Compute products of whole numbers and decimals  | 88.6             | 81.9                       | 83.1                         |
| 6N2, 6N8 (L2)                 | Compute quotients of whole numbers and decimals   | 72.2             | 63.5                       | 64.5                         |
| 6N8 (L3)                      | Place decimal in correct position in a product of whole numbers and decimals                              | 86.1             | 83.0                       | 83.8                         |
| 6N2, 6N8 (L2)                 | Solve a problem that involves division of decimals  | 86.1             | 70.8                       | 71.0                         |
| 6N2, 6N8 (L2)                 | Solve a problem that involves multiplication of decimals  | 65.8             | 64.0                       | 64.1                         |
| 6N2 (L2)                      | Estimate the solution to a subtraction problem  | 65.8             | 53.6                       | 53.4                         |
| 6N2 (L3)                      | Determine number expression represented by base ten blocks  | 64.6             | 55.7                       | 56.7                         |
| 6N9 (L3)                      | Apply the order of operations to solve a problem  | 69.6             | 48.9                       | 50.1                         |
| 6N9 (L2)                      | Apply the order of operations to solve a problem  | 74.7             | 48.4                       | 49.7                         |
| Patterns and Relations        |   |                  |                            |                              |
|                               | Identify the value of an unknown term in a table of values  | 89.6             | 84.0                       | 84.2                         |
| 6PR1 (L2)<br>6PR1 (L3)        | Identify the value of an unknown term in a table of values Identify an error in a given table of values   | 88.6             | 84.0                       | 84.2                         |
|                               |   | 86.1             | 87.9                       | 87.9                         |
| 6PR1, 6PR3 (L2)               | Write a mathematical expression for a situation   | 26.6             | 23.3<br>51.2               | 24.4                         |
| 6PR3 (L2)                     | Represent a pattern rule using a simple mathematical expression   | 84.8             | 76.2                       | 53.5<br>75.9                 |
| 6PR3 (L2)<br>6PR4 (L2)        | Extend a pattern that is shown on a line graph<br>Identifying an equivalent equation for a given equation | 62.0             | 50.0                       | 50.3                         |
| 6PR4 (L2)                     | Identifying an equivalent equation for a given model  | 39.2             | 28.4                       | 28.9                         |
| 6PR1, 6PR2 (L2)               | Determine a mathematical expression for a situation and a table of values                                 | 45.6             | 29.4                       | 31.9                         |
| Shape and Space               |   |                  |                            |                              |
| 6SS1 (L1)                     | Classify a given angle according to its measure   | 93.5             | 82.1                       | 82.5                         |
| 6SS1 (L1)                     | Estimate the measure of an angle  | 88.3             | 85.8                       | 85.9                         |
| 6SS2 (L2)                     | Demonstrate the sum of interior angles of a triangle is 180°  | 75.3             | 72.0                       | 72.7                         |
| 6SS2 (L2)                     | Demonstrate the sum of interior angles of a quadrilateral is 360°   | 79.2             | 74.5                       | 74.4                         |
| 6SS3 (L2)                     | Find the perimeter and area of a given polygon  | 66.2             | 58.4                       | 59.2                         |
| 6SS3 (L1)                     | Find the volume of a given rectangular prism  | 39.0             | 41.8                       | 43.1                         |
| 6SS4 (L1)                     |   |                  | 62.2                       | 63.5                         |
| 6SS5 (L2)                     | Sort a given set of polygons according to given attributes  | 63.6             | 56.3                       | 57.4                         |
| 6SS4, 6SS5 (L1)               | Identify congruent triangles  | 88.3             | 75.1                       | 77.1                         |
| 6SS8 (L1)                     | Identify the coordinates of two given points on a Cartesian plane   | 84.4             | 67.4                       | 68.9                         |
| 6SS6 (L1)                     | Describe the combined transformations performed on a 2-D shape  | 90.9             | 73.7                       | 74.4                         |
| 6SS9 (L1)                     | Describe the single transformation performed on a 2-D shape   | 83.1             | 79.5                       | 80.4                         |
| 6SS7 (L2)                     | Identify the successive transformations performed to create a design                                      | 66.2             | 64.7                       | 66.2                         |
|                               |   | •                | •                          | •                            |

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Source: Division of Evaluation and Research, Department of Education and Early Childhood Development



(Item Analysis: % of content answered correctly)

#### NLESD - Eastern Region

School #: 339 Holy Cross Elementary, St. John's

| Grades: K-6 |  |
|-------------|--|
|-------------|--|

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| Outcome(s)                          |  | School | Region    | Province  |
|-------------------------------------|--|--------|-----------|-----------|
| Cognitive Level                     | Outcome Description  | [N=18] | [N=2,877] | [N=4,875] |
| Number Concepts                     |  |        |           |           |
| 6N1 (L1)                            | Identify the value of a digit in a given number  | 62.5   | 67.5      | 68.2      |
| 6N1 (L2)                            | Demonstrate an understanding of place value through base ten representations                         | 18.8   | 37.4      | 38.1      |
| 6N5 (L1)                            | Write and interpret ratios comparing part-to-whole   | 62.5   | 59.6      | 59.7      |
| 6N5 (L2)                            | Demonstrate an understanding of equivalent ratios  | 18.8   | 46.6      | 48.4      |
| 6N6 (L1)                            | Demonstrate an understanding of percent as ratio   | 31.3   | 50.2      | 50.0      |
| 6N6 (L3)                            | Demonstrate an understanding of percent as ratio   | 87.5   | 84.4      | 84.1      |
| 6N3 (L2)                            | Distinguish between prime and composite numbers  | 37.5   | 52.9      | 54.8      |
| 6N3 (L2)                            | Determine factors of a given number  | 68.8   | 64.7      | 66.3      |
| 6N4 (L1)                            | Place an improper fraction on a number line  | 62.5   | 36.8      | 38.2      |
| 6N7 (L3)                            | Select integer that best fits description  | 68.8   | 72.3      | 71.9      |
| Number Operations                   |  |        |           |           |
| 6N8 (L2)                            | Compute products of whole numbers and decimals   | 70.6   | 81.9      | 83.1      |
| 6N2, 6N8 (L2)                       | Compute quotients of whole numbers and decimals  | 47.1   | 63.5      | 64.5      |
| 6N8 (L3)                            | Place decimal in correct position in a product of whole numbers and decimals                         | 76.5   | 83.0      | 83.8      |
| 6N2, 6N8 (L2)                       | Solve a problem that involves division of decimals   | 76.5   | 70.8      | 71.0      |
| 6N2, 6N8 (L2)                       | Solve a problem that involves multiplication of decimals   | 58.8   | 64.0      | 64.1      |
| 6N2 (L2)                            | Estimate the solution to a subtraction problem   | 52.9   | 53.6      | 53.4      |
|                                     | ·  | 23.5   | 55.7      | 56.7      |
| 6N2 (L3)<br>6N9 (L3)                | Determine number expression represented by base ten blocks   | 35.3   | 48.9      | 50.1      |
| 6N9 (L2)                            | Apply the order of operations to solve a problem<br>Apply the order of operations to solve a problem | 64.7   | 48.4      | 49.7      |
| Patterns and Relations<br>6PR1 (L2) | Identify the value of an unknown term in a table of values   | 75.0   | 84.0      | 84.2      |
| 6PR1 (L3)                           | Identify an error in a given table of values   | 81.3   | 87.9      | 87.9      |
| 6PR1, 6PR3 (L2)                     | Write a mathematical expression for a situation  | 25.0   | 23.3      | 24.4      |
| 6PR3 (L2)                           | Represent a pattern rule using a simple mathematical expression                                      | 25.0   | 51.2      | 53.5      |
| 6PR3 (L2)                           | Extend a pattern that is shown on a line graph   | 75.0   | 76.2      | 75.9      |
| 6PR4 (L2)                           | Identifying an equivalent equation for a given equation  | 37.5   | 50.0      | 50.3      |
| 6PR4 (L2)                           | Identifying an equivalent equation for a given model   | 25.0   | 28.4      | 28.9      |
| 6PR1, 6PR2 (L2)                     | Determine a mathematical expression for a situation and a table of values                            | 31.3   | 29.4      | 31.9      |
| Shape and Space                     |  |        |           |           |
| 6SS1 (L1)                           | Classify a given angle according to its measure  | 93.8   | 82.1      | 82.5      |
| 6SS1 (L1)                           | Estimate the measure of an angle   | 75.0   | 85.8      | 85.9      |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a triangle is 180°   | 68.8   | 72.0      | 72.7      |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a quadrilateral is 360°                                    | 81.3   | 74.5      | 74.4      |
| 6SS3 (L2)                           | Find the perimeter and area of a given polygon   | 81.3   | 58.4      | 59.2      |
| 6SS3 (L1)                           | Find the volume of a given rectangular prism   | 43.8   | 41.8      | 43.1      |
| 6SS4 (L1)                           | Identify a given triangle according to its angle measures  | 43.8   | 62.2      | 63.5      |
| 6SS5 (L2)                           | Sort a given set of polygons according to given attributes   | 43.8   | 56.3      | 57.4      |
| 6SS4, 6SS5 (L1)                     | Identify congruent triangles   | 43.8   | 75.1      | 77.1      |
| 6SS8 (L1)                           | Identify the coordinates of two given points on a Cartesian plane                                    | 75.0   | 67.4      | 68.9      |
| 6SS6 (L1)                           | Describe the combined transformations performed on a 2-D shape                                       | 56.3   | 73.7      | 74.4      |
| 6SS9 (L1)                           | Describe the single transformation performed on a 2-D shape  | 81.3   | 79.5      | 80.4      |
| 6SS7 (L2)                           | Identify the successive transformations performed to create a design                                 | 62.5   | 64.7      | 66.2      |
|                                     |  | 1      | I         | I         |

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Source: Division of Evaluation and Research, Department of Education and Early Childhood Development



(Item Analysis: % of content answered correctly)

#### NLESD - Eastern Region

School #: 342 MacDonald Drive Elementary, St. John's

Grades: K-6

| Outcome(s)<br>Cognitive Level      | Outcome Description  | School<br>[N=46] | <b>Region</b><br>[N=2,877] | <b>Province</b><br>[N=4,875] |
|------------------------------------|--|------------------|----------------------------|------------------------------|
| Number Concepts                    |  |                  |                            |                              |
| 6N1 (L1)                           | Identify the value of a digit in a given number                              | 91.1             | 67.5                       | 68.2                         |
| 6N1 (L2)                           | Demonstrate an understanding of place value through base ten representations | 15.6             | 37.4                       | 38.1                         |
| 6N5 (L1)                           | Write and interpret ratios comparing part-to-whole                           | 64.4             | 59.6                       | 59.7                         |
| 6N5 (L2)                           | Demonstrate an understanding of equivalent ratios                            | 55.6             | 46.6                       | 48.4                         |
| 6N6 (L1)                           | Demonstrate an understanding of percent as ratio                             | 48.9             | 50.2                       | 50.0                         |
| 6N6 (L3)                           | Demonstrate an understanding of percent as ratio                             | 100.0            | 84.4                       | 84.1                         |
| 6N3 (L2)                           | Distinguish between prime and composite numbers                              | 62.2             | 52.9                       | 54.8                         |
| 6N3 (L2)                           | Determine factors of a given number  | 73.3             | 64.7                       | 66.3                         |
| 6N4 (L1)                           | Place an improper fraction on a number line                                  | 55.6             | 36.8                       | 38.2                         |
| 6N7 (L3)                           | Select integer that best fits description                                    | 80.0             | 72.3                       | 71.9                         |
| Number Operations                  |  |                  |                            |                              |
| 6N8 (L2)                           | Compute products of whole numbers and decimals                               | 86.4             | 81.9                       | 83.1                         |
| 6N2, 6N8 (L2)                      | Compute quotients of whole numbers and decimals                              | 79.6             | 63.5                       | 64.5                         |
| 6N8 (L3)                           | Place decimal in correct position in a product of whole numbers and decimals | 95.5             | 83.0                       | 83.8                         |
| 6N2, 6N8 (L2)                      | Solve a problem that involves division of decimals                           | 65.9             | 70.8                       | 71.0                         |
| 6N2, 6N8 (L2)                      | Solve a problem that involves multiplication of decimals                     | 75.0             | 64.0                       | 64.1                         |
| 6N2 (L2)                           | Estimate the solution to a subtraction problem                               | 65.9             | 53.6                       | 53.4                         |
| 6N2 (L3)                           | Determine number expression represented by base ten blocks                   | 54.6             | 55.7                       | 56.7                         |
| 6N9 (L3)                           | Apply the order of operations to solve a problem                             | 50.0             | 48.9                       | 50.1                         |
| 6N9 (L2)                           | Apply the order of operations to solve a problem                             | 36.4             | 48.4                       | 49.7                         |
| Patterns and Relations             |  |                  |                            |                              |
| 6PR1 (L2)                          | Identify the value of an unknown term in a table of values                   | 90.2             | 84.0                       | 84.2                         |
| 6PR1 (L3)                          | Identify an error in a given table of values                                 | 97.6             | 87.9                       | 87.9                         |
| 6PR1, 6PR3 (L2)                    | Write a mathematical expression for a situation                              | 24.4             | 23.3                       | 24.4                         |
| 6PR3 (L2)                          | Represent a pattern rule using a simple mathematical expression              | 48.8             | 51.2                       | 53.5                         |
| 6PR3 (L2)                          | Extend a pattern that is shown on a line graph                               | 78.1             | 76.2                       | 75.9                         |
| 6PR4 (L2)                          | Identifying an equivalent equation for a given equation                      | 53.7             | 50.0                       | 50.3                         |
| 6PR4 (L2)                          | Identifying an equivalent equation for a given model                         | 19.5             | 28.4                       | 28.9                         |
| 6PR1, 6PR2 (L2)<br>Shape and Space | Determine a mathematical expression for a situation and a table of values    | 26.8             | 29.4                       | 31.9                         |
| 6SS1 (L1)                          | Classify a given angle according to its measure                              | 75.0             | 82.1                       | 82.5                         |
| 6SS1 (L1)<br>6SS1 (L1)             | Estimate the measure of an angle   | 85.0             | 85.8                       | 85.9                         |
| 6SS2 (L2)                          | Demonstrate the sum of interior angles of a triangle is 180°                 |                  | -                          |                              |
| 6SS2 (L2)                          | Demonstrate the sum of interior angles of a quadrilateral is 360°            | 57.5<br>67.5     | 72.0                       | 72.7<br>74.4                 |
| 6SS3 (L2)                          | Find the perimeter and area of a given polygon                               | 67.5             | 58.4                       | 59.2                         |
| 6SS3 (L1)                          | Find the volume of a given rectangular prism                                 | 50.0             | 41.8                       | 43.1                         |
| 6SS4 (L1)                          | Identify a given triangle according to its angle measures                    | 42.5             | 62.2                       | 63.5                         |
| 6SS5 (L2)                          | Sort a given set of polygons according to given attributes                   | 67.5             | 56.3                       | 57.4                         |
| 6SS4, 6SS5 (L1)                    | Identify congruent triangles   | 72.5             | 75.1                       | 77.1                         |
| 6SS8 (L1)                          | Identify the coordinates of two given points on a Cartesian plane            | 92.5             | 67.4                       | 68.9                         |
| 6SS6 (L1)                          | Describe the combined transformations performed on a 2-D shape               | 87.5             | 73.7                       | 74.4                         |
| 6SS9 (L1)                          | Describe the combined transformations performed on a 2-D shape               | 90.0             | 79.5                       | 80.4                         |
| 6SS7 (L2)                          | Identify the successive transformations performed to create a design         | 80.0             | 64.7                       | 66.2                         |
| /                                  | · · · · · · · · · · · · · · · · · · ·  | I 60.0           |                            |                              |

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Source: Division of Evaluation and Research, Department of Education and Early Childhood Development

Mushuau Innu Natuashish and Peenamin McKenzie School are excluded from district and provincial results.



(Item Analysis: % of content answered correctly)

#### NLESD - Eastern Region

School #: 345 Mary Queen of Peace Elementary, St. John's Grades: K-6

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| Outcome(s)                       |  | School  | Region    | Province  |
|----------------------------------|--|---------|-----------|-----------|
| Cognitive Level                  | Outcome Description  | [N=101] | [N=2,877] | [N=4,875] |
| Number Concepts                  |  |         |           |           |
| 6N1 (L1)                         | Identify the value of a digit in a given number  | 84.9    | 67.5      | 68.2      |
| 6N1 (L2)                         | Demonstrate an understanding of place value through base ten representations                         | 59.6    | 37.4      | 38.1      |
| 6N5 (L1)                         | Write and interpret ratios comparing part-to-whole   | 78.8    | 59.6      | 59.7      |
| 6N5 (L2)                         | Demonstrate an understanding of equivalent ratios  | 59.6    | 46.6      | 48.4      |
| 6N6 (L1)                         | Demonstrate an understanding of percent as ratio   | 71.7    | 50.2      | 50.0      |
| 6N6 (L3)                         | Demonstrate an understanding of percent as ratio   | 92.9    | 84.4      | 84.1      |
| 6N3 (L2)                         | Distinguish between prime and composite numbers  | 77.8    | 52.9      | 54.8      |
| 6N3 (L2)                         | Determine factors of a given number  | 82.8    | 64.7      | 66.3      |
| 6N4 (L1)                         | Place an improper fraction on a number line  | 51.5    | 36.8      | 38.2      |
| 6N7 (L3)                         | Select integer that best fits description  | 84.9    | 72.3      | 71.9      |
| Number Operations                |  |         |           |           |
| 6N8 (L2)                         | Compute products of whole numbers and decimals   | 89.9    | 81.9      | 83.1      |
| 6N2, 6N8 (L2)                    | Compute quotients of whole numbers and decimals  | 75.8    | 63.5      | 64.5      |
| 6N8 (L3)                         | Place decimal in correct position in a product of whole numbers and decimals                         | 96.0    | 83.0      | 83.8      |
| 6N2, 6N8 (L2)                    | Solve a problem that involves division of decimals   | 85.9    | 70.8      | 71.0      |
| 6N2, 6N8 (L2)                    | Solve a problem that involves multiplication of decimals   | 75.8    | 64.0      | 64.1      |
| 6N2 (L2)                         | Estimate the solution to a subtraction problem   | 77.8    | 53.6      | 53.4      |
| 6N2 (L3)                         | Determine number expression represented by base ten blocks   | 73.7    | 55.7      | 56.7      |
| 6N9 (L3)                         |  | 74.8    | 48.9      | 50.1      |
| 6N9 (L2)                         | Apply the order of operations to solve a problem<br>Apply the order of operations to solve a problem | 62.6    | 48.4      | 49.7      |
| Patterns and Relations 6PR1 (L2) | Identify the value of an unknown term in a table of values   | 88.8    | 84.0      | 84.2      |
| 6PR1 (L3)                        | Identify an error in a given table of values   | 91.8    | 87.9      | 87.9      |
| 6PR1, 6PR3 (L2)                  | Write a mathematical expression for a situation  | 23.5    | 23.3      | 24.4      |
| 6PR3 (L2)                        | Represent a pattern rule using a simple mathematical expression                                      | 68.4    | 51.2      | 53.5      |
| 6PR3 (L2)                        | Extend a pattern that is shown on a line graph   | 83.7    | 76.2      | 75.9      |
| 6PR4 (L2)                        | Identifying an equivalent equation for a given equation  | 72.5    | 50.0      | 50.3      |
| 6PR4 (L2)                        | Identifying an equivalent equation for a given model   | 51.0    | 28.4      | 28.9      |
| 6PR1, 6PR2 (L2)                  | Determine a mathematical expression for a situation and a table of values                            | 42.9    | 29.4      | 31.9      |
| Shape and Space                  |  |         |           |           |
| 6SS1 (L1)                        | Classify a given angle according to its measure  | 86.7    | 82.1      | 82.5      |
| 6SS1 (L1)                        | Estimate the measure of an angle   | 95.9    | 85.8      | 85.9      |
| 6SS2 (L2)                        | Demonstrate the sum of interior angles of a triangle is 180°   | 78.6    | 72.0      | 72.7      |
| 6SS2 (L2)                        | Demonstrate the sum of interior angles of a quadrilateral is 360°                                    | 88.8    | 74.5      | 74.4      |
| 6SS3 (L2)                        | Find the perimeter and area of a given polygon   | 69.4    | 58.4      | 59.2      |
| 6SS3 (L1)                        | Find the volume of a given rectangular prism   | 57.1    | 41.8      | 43.1      |
| 6SS4 (L1)                        | Identify a given triangle according to its angle measures  | 69.4    | 62.2      | 63.5      |
| 6SS5 (L2)                        | Sort a given set of polygons according to given attributes   | 68.4    | 56.3      | 57.4      |
| 6SS4, 6SS5 (L1)                  | Identify congruent triangles   | 88.8    | 75.1      | 77.1      |
| 6SS8 (L1)                        | Identify the coordinates of two given points on a Cartesian plane                                    | 83.7    | 67.4      | 68.9      |
| 6SS6 (L1)                        | Describe the combined transformations performed on a 2-D shape                                       | 81.6    | 73.7      | 74.4      |
| 6SS9 (L1)                        | Describe the single transformation performed on a 2-D shape  | 86.7    | 79.5      | 80.4      |
| 6SS7 (L2)                        | Identify the successive transformations performed to create a design                                 | 80.6    | 64.7      | 66.2      |
|                                  |  | I       | I         |           |



(Item Analysis: % of content answered correctly)

NLESD - Eastern Region

School #: 348 Roncalli Elementary, St. John's

| Grades: | K-6 |
|---------|-----|
|         |     |

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| Outcome(s)<br>Cognitive Level       | Outcome Description  | School<br>[N=44] | <b>Region</b><br>[N=2,877] | <b>Province</b><br>[N=4,875] |
|-------------------------------------|--|------------------|----------------------------|------------------------------|
| Number Concepts                     |  |                  |                            |                              |
|                                     |  | 01.0             | 67.5                       | 68.2                         |
| 6N1 (L1)                            | Identify the value of a digit in a given number  | 81.8             |                            |                              |
| 6N1 (L2)                            | Demonstrate an understanding of place value through base ten representations                     | 56.8             | 37.4                       | 38.1                         |
| 6N5 (L1)                            | Write and interpret ratios comparing part-to-whole   | 50.0             | 59.6                       | 59.7                         |
| 6N5 (L2)                            | Demonstrate an understanding of equivalent ratios  | 54.6             | 46.6                       | 48.4                         |
| 6N6 (L1)                            | Demonstrate an understanding of percent as ratio   | 68.2             | 50.2                       | 50.0                         |
| 6N6 (L3)                            | Demonstrate an understanding of percent as ratio   | 93.2             | 84.4                       | 84.1                         |
| 6N3 (L2)                            | Distinguish between prime and composite numbers  | 52.3             | 52.9                       | 54.8                         |
| 6N3 (L2)                            | Determine factors of a given number  | 61.4             | 64.7                       | 66.3                         |
| 6N4 (L1)                            | Place an improper fraction on a number line  | 40.9             | 36.8                       | 38.2                         |
| 6N7 (L3)                            | Select integer that best fits description  | 81.8             | 72.3                       | 71.9                         |
| Number Operations                   |  |                  |                            |                              |
| 6N8 (L2)                            | Compute products of whole numbers and decimals   | 92.9             | 81.9                       | 83.1                         |
| 6N2, 6N8 (L2)                       | Compute quotients of whole numbers and decimals  | 85.7             | 63.5                       | 64.5                         |
| 6N8 (L3)                            | Place decimal in correct position in a product of whole numbers and decimals                     | 88.1             | 83.0                       | 83.8                         |
| 6N2, 6N8 (L2)                       | Solve a problem that involves division of decimals   | 88.1             | 70.8                       | 71.0                         |
| 6N2, 6N8 (L2)                       | Solve a problem that involves multiplication of decimals   | 76.2             | 64.0                       | 64.1                         |
| 6N2 (L2)                            | Estimate the solution to a subtraction problem   | 64.3             | 53.6                       | 53.4                         |
| 6N2 (L3)                            | Determine number expression represented by base ten blocks                                       | 73.8             | 55.7                       | 56.7                         |
| 6N9 (L3)                            | Apply the order of operations to solve a problem   | 61.9             | 48.9                       | 50.1                         |
| 6N9 (L2)                            | Apply the order of operations to solve a problem   | 33.3             | 48.4                       | 49.7                         |
| Patterns and Relations<br>6PR1 (L2) | Identify the value of an unknown term in a table of values                                       | 88.6             | 84.0                       | 84.2                         |
| 6PR1 (L3)                           | Identify an error in a given table of values   |                  |                            |                              |
|                                     |  | 95.5             | 87.9                       | 87.9                         |
| 6PR1, 6PR3 (L2)                     | Write a mathematical expression for a situation  | 34.1             | 23.3                       | 24.4                         |
| 6PR3 (L2)                           | Represent a pattern rule using a simple mathematical expression                                  | 68.2             | 51.2                       | 53.5                         |
| 6PR3 (L2)                           | Extend a pattern that is shown on a line graph   | 84.1             | 76.2                       | 75.9                         |
| 6PR4 (L2)                           | Identifying an equivalent equation for a given equation  | 52.3             | 50.0                       | 50.3                         |
| 6PR4 (L2)<br>6PR1, 6PR2 (L2)        | Identifying an equivalent equation for a given model   | 38.6<br>45.5     | 28.4                       | 28.9<br>31.9                 |
| Shape and Space                     | Determine a mathematical expression for a situation and a table of values                        | 40.0             | 23.4                       | 51.9                         |
|                                     | Clossify a given angle apporting to its macrours   | 00.7             | 82.1                       | 80 E                         |
| 6SS1 (L1)<br>6SS1 (L1)              | Classify a given angle according to its measure  | 90.7             |                            | 82.5                         |
|                                     | Estimate the measure of an angle<br>Demonstrate the sum of interior angles of a triangle is 180° | 95.4             | 85.8                       | 85.9                         |
| 6SS2 (L2)<br>6SS2 (L2)              |  | 88.4             | 72.0                       | 72.7                         |
| 6SS2 (L2)<br>6SS3 (L2)              | Demonstrate the sum of interior angles of a quadrilateral is 360°                                | 81.4             | 74.5                       | 74.4                         |
|                                     | Find the perimeter and area of a given polygon   | 67.4             | 58.4                       | 59.2                         |
| 6SS3 (L1)                           | Find the volume of a given rectangular prism   | 55.8             | 41.8                       | 43.1                         |
| 6SS4 (L1)                           | Identify a given triangle according to its angle measures  | 76.7             | 62.2                       | 63.5                         |
| 6SS5 (L2)                           | Sort a given set of polygons according to given attributes                                       | 74.4             | 56.3                       | 57.4                         |
| 6SS4, 6SS5 (L1)                     | Identify congruent triangles   | 88.4             | 75.1                       | 77.1                         |
| 6SS8 (L1)                           | Identify the coordinates of two given points on a Cartesian plane                                | 65.1             | 67.4                       | 68.9                         |
| 6SS6 (L1)                           | Describe the combined transformations performed on a 2-D shape                                   | 86.1             | 73.7                       | 74.4                         |
| 6SS9 (L1)                           | Describe the single transformation performed on a 2-D shape                                      | 81.4             | 79.5                       | 80.4                         |
| 6SS7 (L2)                           | Identify the successive transformations performed to create a design                             | 76.7             | 64.7                       | 66.2                         |
| 6SS9 (L1)                           | Describe the single transformation performed on a 2-D shape                                      | 81.4             | 79.5                       | 80.4                         |

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Source: Division of Evaluation and Research, Department of Education and Early Childhood Development Mushuau Innu Natuashish and Peenamin McKenzie School are excluded from district and provincial results.



(Item Analysis: % of content answered correctly)

#### NLESD - Eastern Region

School #: 349 St. Andrew's Elementary, St. John's

Grades: K-6

| Outcome(s)             |  | School | Region    | Province  |
|------------------------|--|--------|-----------|-----------|
| Cognitive Level        | Outcome Description  | [N=13] | [N=2,877] | [N=4,875] |
| Number Concepts        |  |        |           |           |
| 6N1 (L1)               | Identify the value of a digit in a given number                              | 76.9   | 67.5      | 68.2      |
| 6N1 (L2)               | Demonstrate an understanding of place value through base ten representations | 23.1   | 37.4      | 38.1      |
| 6N5 (L1)               | Write and interpret ratios comparing part-to-whole                           | 46.2   | 59.6      | 59.7      |
| 6N5 (L2)               | Demonstrate an understanding of equivalent ratios                            | 38.5   | 46.6      | 48.4      |
| 6N6 (L1)               | Demonstrate an understanding of percent as ratio                             | 53.9   | 50.2      | 50.0      |
| 6N6 (L3)               | Demonstrate an understanding of percent as ratio                             | 61.5   | 84.4      | 84.1      |
| 6N3 (L2)               | Distinguish between prime and composite numbers                              | 61.5   | 52.9      | 54.8      |
| 6N3 (L2)               | Determine factors of a given number  | 61.5   | 64.7      | 66.3      |
| 6N4 (L1)               | Place an improper fraction on a number line                                  | 30.8   | 36.8      | 38.2      |
| 6N7 (L3)               | Select integer that best fits description                                    | 84.6   | 72.3      | 71.9      |
| Number Operations      |  |        |           |           |
| 6N8 (L2)               | Compute products of whole numbers and decimals                               | 76.9   | 81.9      | 83.1      |
| 6N2, 6N8 (L2)          | Compute quotients of whole numbers and decimals                              | 61.5   | 63.5      | 64.5      |
| 6N8 (L3)               | Place decimal in correct position in a product of whole numbers and decimals | 84.6   | 83.0      | 83.8      |
| 6N2, 6N8 (L2)          | Solve a problem that involves division of decimals                           | 61.5   | 70.8      | 71.0      |
| 6N2, 6N8 (L2)          | Solve a problem that involves multiplication of decimals                     | 46.2   | 64.0      | 64.1      |
| 6N2 (L2)               | Estimate the solution to a subtraction problem                               | 53.9   | 53.6      | 53.4      |
| 6N2 (L3)               | Determine number expression represented by base ten blocks                   | 46.2   | 55.7      | 56.7      |
| 6N9 (L3)               | Apply the order of operations to solve a problem                             | 53.9   | 48.9      | 50.1      |
| 6N9 (L2)               | Apply the order of operations to solve a problem                             | 53.9   | 48.4      | 49.7      |
| Patterns and Relations |  |        | -         |           |
| Tallerns and Relations |  |        |           |           |
| 6PR1 (L2)              | Identify the value of an unknown term in a table of values                   | 69.2   | 84.0      | 84.2      |
| 6PR1 (L3)              | Identify an error in a given table of values                                 | 92.3   | 87.9      | 87.9      |
| 6PR1, 6PR3 (L2)        | Write a mathematical expression for a situation                              | 38.5   | 23.3      | 24.4      |
| 6PR3 (L2)              | Represent a pattern rule using a simple mathematical expression              | 69.2   | 51.2      | 53.5      |
| 6PR3 (L2)              | Extend a pattern that is shown on a line graph                               | 53.9   | 76.2      | 75.9      |
| 6PR4 (L2)              | Identifying an equivalent equation for a given equation                      | 53.9   | 50.0      | 50.3      |
| 6PR4 (L2)              | Identifying an equivalent equation for a given model                         | 46.2   | 28.4      | 28.9      |
| 6PR1, 6PR2 (L2)        | Determine a mathematical expression for a situation and a table of values    | 30.8   | 29.4      | 31.9      |
| Shape and Space        |  |        |           |           |
| 6SS1 (L1)              | Classify a given angle according to its measure                              | 84.6   | 82.1      | 82.5      |
| 6SS1 (L1)              | Estimate the measure of an angle   | 100.0  | 85.8      | 85.9      |
| 6SS2 (L2)              | Demonstrate the sum of interior angles of a triangle is 180°                 | 53.9   | 72.0      | 72.7      |
| 6SS2 (L2)              | Demonstrate the sum of interior angles of a quadrilateral is 360°            | 76.9   | 74.5      | 74.4      |
| 6SS3 (L2)              | Find the perimeter and area of a given polygon                               | 46.2   | 58.4      | 59.2      |
| 6SS3 (L1)              | Find the volume of a given rectangular prism                                 | 61.5   | 41.8      | 43.1      |
| 6SS4 (L1)              | Identify a given triangle according to its angle measures                    | 84.6   | 62.2      | 63.5      |
| 6SS5 (L2)              | Sort a given set of polygons according to given attributes                   | 46.2   | 56.3      | 57.4      |
| 6SS4, 6SS5 (L1)        | Identify congruent triangles   | 84.6   | 75.1      | 77.1      |
| 6SS8 (L1)              | Identify the coordinates of two given points on a Cartesian plane            | 76.9   | 67.4      | 68.9      |
| 6SS6 (L1)              | Describe the combined transformations performed on a 2-D shape               | 46.2   | 73.7      | 74.4      |
| 6SS9 (L1)              | Describe the single transformation performed on a 2-D shape                  | 69.2   | 79.5      | 80.4      |
| 6SS7 (L2)              | Identify the successive transformations performed to create a design         | 53.9   | 64.7      | 66.2      |
|                        | ,  |        | 37.7      | 00.2      |

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Source: Division of Evaluation and Research, Department of Education and Early Childhood Development



(Item Analysis: % of content answered correctly)

#### NLESD - Eastern Region

School #: 350 St. John Bosco School, St. John's

Grades: K-9

| Outcome(s)                      |  | School | Region    | Province  |
|---------------------------------|--|--------|-----------|-----------|
| Cognitive Level                 | Outcome Description  | [N=20] | [N=2,877] | [N=4,875] |
| Number Concepts                 |  |        |           |           |
| 6N1 (L1)                        | Identify the value of a digit in a given number                              | 15.8   | 67.5      | 68.2      |
| 6N1 (L2)                        | Demonstrate an understanding of place value through base ten representations | 5.3    | 37.4      | 38.1      |
| 6N5 (L1)                        | Write and interpret ratios comparing part-to-whole                           | 21.1   | 59.6      | 59.7      |
| 6N5 (L2)                        | Demonstrate an understanding of equivalent ratios                            | 21.1   | 46.6      | 48.4      |
| 6N6 (L1)                        | Demonstrate an understanding of percent as ratio                             | 36.8   | 50.2      | 50.0      |
| 6N6 (L3)                        | Demonstrate an understanding of percent as ratio                             | 68.4   | 84.4      | 84.1      |
| 6N3 (L2)                        | Distinguish between prime and composite numbers                              | 26.3   | 52.9      | 54.8      |
| 6N3 (L2)                        | Determine factors of a given number  | 52.6   | 64.7      | 66.3      |
| 6N4 (L1)                        | Place an improper fraction on a number line                                  | 5.3    | 36.8      | 38.2      |
| 6N7 (L3)                        | Select integer that best fits description                                    | 79.0   | 72.3      | 71.9      |
| Number Operations               |  |        |           |           |
| 6N8 (L2)                        | Compute products of whole numbers and decimals                               | 77.8   | 81.9      | 83.1      |
| 6N2, 6N8 (L2)                   | Compute quotients of whole numbers and decimals                              | 27.8   | 63.5      | 64.5      |
| 6N8 (L3)                        | Place decimal in correct position in a product of whole numbers and decimals | 50.0   | 83.0      | 83.8      |
| 6N2, 6N8 (L2)                   | Solve a problem that involves division of decimals                           | 61.1   | 70.8      | 71.0      |
| 6N2, 6N8 (L2)                   | Solve a problem that involves multiplication of decimals                     | 44.4   | 64.0      | 64.1      |
| 6N2 (L2)                        | Estimate the solution to a subtraction problem                               | 50.0   | 53.6      | 53.4      |
| 6N2 (L3)                        | Determine number expression represented by base ten blocks                   | 27.8   | 55.7      | 56.7      |
| 6N9 (L3)                        | Apply the order of operations to solve a problem                             | 27.8   | 48.9      | 50.1      |
| 6N9 (L2)                        | Apply the order of operations to solve a problem                             | 44.4   | 48.4      | 49.7      |
| Patterns and Relations          |  |        |           |           |
|                                 |  |        |           |           |
| 6PR1 (L2)                       | Identify the value of an unknown term in a table of values                   | 82.4   | 84.0      | 84.2      |
| 6PR1 (L3)                       | Identify an error in a given table of values                                 | 70.6   | 87.9      | 87.9      |
| 6PR1, 6PR3 (L2)                 | Write a mathematical expression for a situation                              | 5.9    | 23.3      | 24.4      |
| 6PR3 (L2)                       | Represent a pattern rule using a simple mathematical expression              | 23.5   | 51.2      | 53.5      |
| 6PR3 (L2)                       | Extend a pattern that is shown on a line graph                               | 70.6   | 76.2      | 75.9      |
| 6PR4 (L2)                       | Identifying an equivalent equation for a given equation                      | 35.3   | 50.0      | 50.3      |
| 6PR4 (L2)                       | Identifying an equivalent equation for a given model                         | 35.3   | 28.4      | 28.9      |
| 6PR1, 6PR2 (L2) Shape and Space | Determine a mathematical expression for a situation and a table of values    | 11.8   | 29.4      | 31.9      |
| 6SS1 (L1)                       | Classify a given angle according to its measure                              | 70.6   | 82.1      | 82.5      |
| 6SS1 (L1)<br>6SS1 (L1)          | Estimate the measure of an angle   | 88.2   | 85.8      | 85.9      |
| 6SS2 (L2)                       | Demonstrate the sum of interior angles of a triangle is 180°                 | 47.1   | 72.0      | 72.7      |
| 6SS2 (L2)                       | Demonstrate the sum of interior angles of a quadrilateral is 360°            | 47.1   | 74.5      | 74.4      |
| 6SS3 (L2)                       | Find the perimeter and area of a given polygon                               | 47.1   | 58.4      | 59.2      |
| 6SS3 (L1)                       | Find the volume of a given rectangular prism                                 | 23.5   | 41.8      | 43.1      |
| 6SS4 (L1)                       | Identify a given triangle according to its angle measures                    | 58.8   | 62.2      | 63.5      |
| 6SS5 (L2)                       | Sort a given set of polygons according to given attributes                   | 52.9   | 56.3      | 57.4      |
| 6SS4, 6SS5 (L1)                 | Identify congruent triangles   | 76.5   | 75.1      | 77.1      |
| 6SS4, 6SS5 (L1)<br>6SS8 (L1)    | Identify the coordinates of two given points on a Cartesian plane            | 52.9   | 67.4      | 68.9      |
| 6SS6 (L1)                       | Describe the combined transformations performed on a 2-D shape               | 35.3   | 73.7      | 74.4      |
| 6SS9 (L1)                       | Describe the single transformation performed on a 2-D shape                  |        |           |           |
|                                 | Identify the successive transformations performed to create a design         | 70.6   | 79.5      | 80.4      |
| 6SS7 (L2)                       | ועפותויץ עופ שעניפאויפ וומואוטווומנוטוא פרוטווופע נט גופמנע מ עפאטוו         | 47.1   | 64.7      | 66.2      |

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Source: Division of Evaluation and Research, Department of Education and Early Childhood Development



(Item Analysis: % of content answered correctly)

#### NLESD - Eastern Region

School #: 355 St. Mary's Elementary, St. John's

Grades: K-6

| Outcome(s)                         |   | School       | Region       | Province     |
|------------------------------------|---|--------------|--------------|--------------|
| Cognitive Level                    | Outcome Description   | [N=23]       | [N=2,877]    | [N=4,875]    |
| Number Concepts                    |   |              |              |              |
| 6N1 (L1)                           | Identify the value of a digit in a given number                                     | 82.6         | 67.5         | 68.2         |
| 6N1 (L2)                           | Demonstrate an understanding of place value through base ten representations        | 65.2         | 37.4         | 38.1         |
| 6N5 (L1)                           | Write and interpret ratios comparing part-to-whole                                  | 69.6         | 59.6         | 59.7         |
| 6N5 (L2)                           | Demonstrate an understanding of equivalent ratios                                   | 56.5         | 46.6         | 48.4         |
| 6N6 (L1)                           | Demonstrate an understanding of percent as ratio                                    | 47.8         | 50.2         | 50.0         |
| 6N6 (L3)                           | Demonstrate an understanding of percent as ratio                                    | 95.7         | 84.4         | 84.1         |
| 6N3 (L2)                           | Distinguish between prime and composite numbers                                     | 34.8         | 52.9         | 54.8         |
| 6N3 (L2)                           | Determine factors of a given number   | 56.5         | 64.7         | 66.3         |
| 6N4 (L1)                           | Place an improper fraction on a number line   | 39.1         | 36.8         | 38.2         |
| 6N7 (L3)                           | Select integer that best fits description   | 91.3         | 72.3         | 71.9         |
| Number Operations                  |   |              |              |              |
| 6N8 (L2)                           | Compute products of whole numbers and decimals                                      | 77.3         | 81.9         | 83.1         |
| 6N2, 6N8 (L2)                      | Compute quotients of whole numbers and decimals                                     | 59.1         | 63.5         | 64.5         |
| 6N8 (L3)                           | Place decimal in correct position in a product of whole numbers and decimals        | 86.4         | 83.0         | 83.8         |
| 6N2, 6N8 (L2)                      | Solve a problem that involves division of decimals                                  | 72.7         | 70.8         | 71.0         |
| 6N2, 6N8 (L2)                      | Solve a problem that involves multiplication of decimals                            | 68.2         | 64.0         | 64.1         |
| 6N2 (L2)                           | Estimate the solution to a subtraction problem                                      | 59.1         | 53.6         | 53.4         |
| 6N2 (L3)                           | Determine number expression represented by base ten blocks                          | 72.7         | 55.7         | 56.7         |
| 6N9 (L3)                           | Apply the order of operations to solve a problem                                    | 59.1         | 48.9         | 50.1         |
| 6N9 (L2)                           | Apply the order of operations to solve a problem                                    | 72.7         | 48.4         | 49.7         |
| Patterns and Relations             |   |              | -            |              |
|                                    |   |              |              |              |
| 6PR1 (L2)                          | Identify the value of an unknown term in a table of values                          | 77.3         | 84.0         | 84.2         |
| 6PR1 (L3)                          | Identify an error in a given table of values  | 95.5         | 87.9         | 87.9         |
| 6PR1, 6PR3 (L2)                    | Write a mathematical expression for a situation                                     | 13.6         | 23.3         | 24.4         |
| 6PR3 (L2)                          | Represent a pattern rule using a simple mathematical expression                     | 50.0         | 51.2         | 53.5         |
| 6PR3 (L2)                          | Extend a pattern that is shown on a line graph                                      | 63.6         | 76.2         | 75.9         |
| 6PR4 (L2)                          | Identifying an equivalent equation for a given equation                             | 40.9         | 50.0         | 50.3         |
| 6PR4 (L2)                          | Identifying an equivalent equation for a given model                                | 9.1          | 28.4<br>29.4 | 28.9<br>31.9 |
| 6PR1, 6PR2 (L2)<br>Shape and Space | Determine a mathematical expression for a situation and a table of values           | 9.1          | 29.4         | 51.9         |
| 6951 (1.1)                         | Clossify a given angle according to its measure                                     | 91.9         | 82.1         | 82.5         |
| 6SS1 (L1)<br>6SS1 (L1)             | Classify a given angle according to its measure<br>Estimate the measure of an angle | 81.8<br>90.9 | 82.1<br>85.8 | 82.5<br>85.9 |
| 6SS2 (L2)                          | Demonstrate the sum of interior angles of a triangle is 180°                        |              |              |              |
| 6SS2 (L2)<br>6SS2 (L2)             | Demonstrate the sum of interior angles of a quadrilateral is 360°                   | 81.8         | 72.0         | 72.7<br>74.4 |
| 6SS3 (L2)                          | Find the perimeter and area of a given polygon                                      |              |              |              |
| 6SS3 (L1)                          | Find the volume of a given rectangular prism  | 54.6<br>45.5 | 58.4<br>41.8 | 59.2<br>43.1 |
|                                    | Identify a given triangle according to its angle measures                           |              |              |              |
| 6SS4 (L1)<br>6SS5 (L2)             | Sort a given set of polygons according to given attributes                          | 68.2<br>50.0 | 62.2<br>56.3 | 63.5<br>57.4 |
|                                    | Identify congruent triangles  | 63.6         | 75.1         | 77.1         |
| 6SS4, 6SS5 (L1)                    | Identify the coordinates of two given points on a Cartesian plane                   | _            |              |              |
| 6SS8 (L1)                          |   | 77.3         | 67.4         | 68.9         |
| 6SS6 (L1)                          | Describe the combined transformations performed on a 2-D shape                      | 77.3         | 73.7         | 74.4         |
| 6SS9 (L1)                          | Describe the single transformation performed on a 2-D shape                         | 95.5         | 79.5         | 80.4         |
| 6SS7 (L2)                          | Identify the successive transformations performed to create a design                | 68.2         | 64.7         | 66.2         |

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(Item Analysis: % of content answered correctly)

#### NLESD - Eastern Region

School #: 356 St. Matthews Elementary, St. John's

| Outcome(s)                          |  | School              | Region    | Province     |
|-------------------------------------|--|---------------------|-----------|--------------|
| Cognitive Level                     | Outcome Description  | [N=55]              | [N=2,877] | [N=4,875]    |
| Number Concepts                     |  |                     |           |              |
| 6N1 (L1)                            | Identify the value of a digit in a given number  | 55.6                | 67.5      | 68.2         |
| 6N1 (L2)                            | Demonstrate an understanding of place value through base ten representations                         | 22.2                | 37.4      | 38.1         |
| 6N5 (L1)                            | Write and interpret ratios comparing part-to-whole   | 37.0                | 59.6      | 59.7         |
| 6N5 (L2)                            | Demonstrate an understanding of equivalent ratios  | 24.1                | 46.6      | 48.4         |
| 6N6 (L1)                            | Demonstrate an understanding of percent as ratio   | 35.2                | 50.2      | 50.0         |
| 6N6 (L3)                            | Demonstrate an understanding of percent as ratio   | 70.4                | 84.4      | 84.1         |
| 6N3 (L2)                            | Distinguish between prime and composite numbers  | 29.6                | 52.9      | 54.8         |
| 6N3 (L2)                            | Determine factors of a given number  | 50.0                | 64.7      | 66.3         |
| 6N4 (L1)                            | Place an improper fraction on a number line  | 14.8                | 36.8      | 38.2         |
| 6N7 (L3)                            | Select integer that best fits description  | 68.5                | 72.3      | 71.9         |
| Number Operations                   |  |                     |           |              |
| 6N8 (L2)                            | Compute products of whole numbers and decimals   | 60.2                | 81.9      | 02.1         |
| 6N2, 6N8 (L2)                       | Compute quotients of whole numbers and decimals  | <u>69.2</u><br>42.3 | 63.5      | 83.1<br>64.5 |
| 6N8 (L3)                            | Place decimal in correct position in a product of whole numbers and decimals                         | 63.5                | 83.0      | 83.8         |
| 6N2, 6N8 (L2)                       | Solve a problem that involves division of decimals   | 48.1                | 70.8      | 71.0         |
| 6N2, 6N8 (L2)                       | •  | 63.5                | 64.0      | 64.1         |
|                                     | Solve a problem that involves multiplication of decimals   | 46.2                | 53.6      | 53.4         |
| 6N2 (L2)                            | Estimate the solution to a subtraction problem   |                     |           |              |
| 6N2 (L3)                            | Determine number expression represented by base ten blocks   | 36.5                | 55.7      | 56.7         |
| 6N9 (L3)<br>6N9 (L2)                | Apply the order of operations to solve a problem<br>Apply the order of operations to solve a problem | 50.0                | 48.9      | 50.1<br>49.7 |
| Patterns and Relations<br>6PR1 (L2) | Identify the value of an unknown term in a table of values   | 82.7                | 84.0      | 84.2         |
| 6PR1 (L3)                           | Identify an error in a given table of values   | 82.7                | 87.9      | 87.9         |
| 6PR1, 6PR3 (L2)                     | Write a mathematical expression for a situation  | 11.5                | 23.3      | 24.4         |
| 6PR3 (L2)                           | Represent a pattern rule using a simple mathematical expression                                      | 21.2                | 51.2      | 53.5         |
| 6PR3 (L2)                           | Extend a pattern that is shown on a line graph   | 67.3                | 76.2      | 75.9         |
| 6PR4 (L2)                           | Identifying an equivalent equation for a given equation  | 36.5                | 50.0      | 50.3         |
| 6PR4 (L2)                           | Identifying an equivalent equation for a given model   | 11.5                | 28.4      | 28.9         |
| 6PR1, 6PR2 (L2)                     | Determine a mathematical expression for a situation and a table of values                            | 3.9                 | 29.4      | 31.9         |
| Shape and Space                     |  |                     |           |              |
| 6SS1 (L1)                           | Classify a given angle according to its measure  | 71.2                | 82.1      | 82.5         |
| 6SS1 (L1)                           | Estimate the measure of an angle   | 71.2                | 85.8      | 85.9         |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a triangle is 180°   | 46.2                | 72.0      | 72.7         |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a quadrilateral is 360°                                    | 67.3                | 74.5      | 74.4         |
| 6SS3 (L2)                           | Find the perimeter and area of a given polygon   | 32.7                | 58.4      | 59.2         |
| 6SS3 (L1)                           | Find the volume of a given rectangular prism   | 25.0                | 41.8      | 43.1         |
| 6SS4 (L1)                           | Identify a given triangle according to its angle measures  | 48.1                | 62.2      | 63.5         |
| 6SS5 (L2)                           | Sort a given set of polygons according to given attributes   | 48.1                | 56.3      | 57.4         |
| 6SS4, 6SS5 (L1)                     | Identify congruent triangles   | 53.9                | 75.1      | 77.1         |
| 6SS8 (L1)                           | Identify the coordinates of two given points on a Cartesian plane                                    | 44.2                | 67.4      | 68.9         |
| 6SS6 (L1)                           | Describe the combined transformations performed on a 2-D shape                                       | 63.5                | 73.7      | 74.4         |
| 6SS9 (L1)                           | Describe the single transformation performed on a 2-D shape  | 67.3                | 79.5      | 80.4         |
| 6SS7 (L2)                           | Identify the successive transformations performed to create a design                                 | 40.4                | 64.7      | 66.2         |
|                                     |  |                     |           |              |



(Item Analysis: % of content answered correctly)

#### NLESD - Eastern Region

School #: 360 Rennie's River Elementary School, St. John's

Grades: K-6

| Outcome(s)<br>Cognitive Level      | Outcome Description  | School<br>[N=42] | <b>Region</b><br>[N=2,877] | <b>Province</b><br>[N=4,875] |
|------------------------------------|--|------------------|----------------------------|------------------------------|
| 0000                               |  |                  | [,]                        | [.1 .,0.0]                   |
| Number Concepts                    |  |                  |                            |                              |
| 6N1 (L1)                           | Identify the value of a digit in a given number                              | 56.1             | 67.5                       | 68.2                         |
| 6N1 (L2)                           | Demonstrate an understanding of place value through base ten representations | 36.6             | 37.4                       | 38.1                         |
| 6N5 (L1)                           | Write and interpret ratios comparing part-to-whole                           | 34.2             | 59.6                       | 59.7                         |
| 6N5 (L2)                           | Demonstrate an understanding of equivalent ratios                            | 36.6             | 46.6                       | 48.4                         |
| 6N6 (L1)                           | Demonstrate an understanding of percent as ratio                             | 36.6             | 50.2                       | 50.0                         |
| 6N6 (L3)                           | Demonstrate an understanding of percent as ratio                             | 82.9             | 84.4                       | 84.1                         |
| 6N3 (L2)                           | Distinguish between prime and composite numbers                              | 48.8             | 52.9                       | 54.8                         |
| 6N3 (L2)                           | Determine factors of a given number  | 68.3             | 64.7                       | 66.3                         |
| 6N4 (L1)                           | Place an improper fraction on a number line                                  | 19.5             | 36.8                       | 38.2                         |
| 6N7 (L3)                           | Select integer that best fits description                                    | 78.1             | 72.3                       | 71.9                         |
| Number Operations                  |  |                  |                            |                              |
| 6N8 (L2)                           | Compute products of whole numbers and decimals                               | 76.2             | 81.9                       | 83.1                         |
| 6N2, 6N8 (L2)                      | Compute quotients of whole numbers and decimals                              | 45.2             | 63.5                       | 64.5                         |
| 6N8 (L3)                           | Place decimal in correct position in a product of whole numbers and decimals | 76.2             | 83.0                       | 83.8                         |
| 6N2, 6N8 (L2)                      | Solve a problem that involves division of decimals                           | 81.0             | 70.8                       | 71.0                         |
| 6N2, 6N8 (L2)                      | Solve a problem that involves multiplication of decimals                     | 76.2             | 64.0                       | 64.1                         |
| 6N2 (L2)                           | Estimate the solution to a subtraction problem                               | 40.5             | 53.6                       | 53.4                         |
| 6N2 (L3)                           | Determine number expression represented by base ten blocks                   | 61.9             | 55.7                       | 56.7                         |
| 6N9 (L3)                           | Apply the order of operations to solve a problem                             | 59.5             | 48.9                       | 50.1                         |
| 6N9 (L2)                           | Apply the order of operations to solve a problem                             | 54.8             | 48.4                       | 49.7                         |
| Patterns and Relations             |  |                  |                            |                              |
| 6PR1 (L2)                          | Identify the value of an unknown term in a table of values                   | 92.7             | 84.0                       | 84.2                         |
| 6PR1 (L3)                          | Identify an error in a given table of values                                 | 92.7             | 87.9                       | 87.9                         |
| 6PR1, 6PR3 (L2)                    | Write a mathematical expression for a situation                              | 31.7             | 23.3                       | 24.4                         |
| 6PR3 (L2)                          | Represent a pattern rule using a simple mathematical expression              | 48.8             | 51.2                       | 53.5                         |
| 6PR3 (L2)                          | Extend a pattern that is shown on a line graph                               | 70.7             | 76.2                       | 75.9                         |
| 6PR4 (L2)                          | Identifying an equivalent equation for a given equation                      | 63.4             | 50.0                       | 50.3                         |
| 6PR4 (L2)                          | Identifying an equivalent equation for a given model                         | 26.8             | 28.4                       | 28.9                         |
| 6PR1, 6PR2 (L2)<br>Shape and Space | Determine a mathematical expression for a situation and a table of values    | 34.2             | 29.4                       | 31.9                         |
| 6SS1 (L1)                          | Classify a given angle according to its measure                              | 87.8             | 82.1                       | 82.5                         |
| 6SS1 (L1)                          | Estimate the measure of an angle   | 95.1             | 85.8                       | 85.9                         |
| 6SS2 (L2)                          | Demonstrate the sum of interior angles of a triangle is 180°                 | 85.4             | 72.0                       | 72.7                         |
| 6SS2 (L2)                          | Demonstrate the sum of interior angles of a quadrilateral is 360°            | 78.1             | 72.0                       | 74.4                         |
| 6SS3 (L2)                          | Find the perimeter and area of a given polygon                               | 70.7             | 58.4                       | 59.2                         |
| 6SS3 (L1)                          | Find the volume of a given rectangular prism                                 | 53.7             | 41.8                       | 43.1                         |
| 6SS4 (L1)                          | Identify a given triangle according to its angle measures                    | 70.7             | 62.2                       | 63.5                         |
| 6SS5 (L2)                          | Sort a given set of polygons according to given attributes                   | 73.2             | 56.3                       | 57.4                         |
| . ,                                | Identify congruent triangles   | 82.9             | 75.1                       | 77.1                         |
| 6SS4, 6SS5 (L1)<br>6SS8 (L1)       | Identify the coordinates of two given points on a Cartesian plane            | 68.3             | 67.4                       | 68.9                         |
| 6SS6 (L1)                          | Describe the combined transformations performed on a 2-D shape               | 63.4             | 73.7                       | 74.4                         |
| 6SS9 (L1)                          | Describe the single transformation performed on a 2-D shape                  |                  |                            |                              |
|                                    | Identify the successive transformations performed to create a design         | 65.9             | 79.5                       | 80.4                         |
| 6SS7 (L2)                          | וואיז שר שעטטטאיע ממושטוווממטוש ארוטווופע נט טופמוב מ עכשועוו                | 51.2             | 64.7                       | 66.2                         |



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### Elementary Mathematics Provincial Assessment, June 2014 School Report - Multiple Choice Items

(Item Analysis: % of content answered correctly)

#### NLESD - Eastern Region

School #: 362 St. Teresa's School/Ecole Ste-Thérèse, St. John's Grades: K-6

|   | Outcome Description  | [N=56]       | <b>Region</b><br>[N=2,877] | <b>Province</b><br>[N=4,875] |
|---|--|--------------|----------------------------|------------------------------|
| Number Concepts                           |  |              |                            |                              |
| 6N1 (L1)                                  | Identify the value of a digit in a given number                                  | 56.3         | 67.5                       | 68.2                         |
| 6N1 (L2)                                  | Demonstrate an understanding of place value through base ten representations     | 18.8         | 37.4                       | 38.1                         |
| 6N5 (L1)                                  | Write and interpret ratios comparing part-to-whole                               | 54.2         | 59.6                       | 59.7                         |
| 6N5 (L2)                                  | Demonstrate an understanding of equivalent ratios                                | 58.3         | 46.6                       | 48.4                         |
| 6N6 (L1)                                  | Demonstrate an understanding of percent as ratio                                 | 45.8         | 50.2                       | 50.0                         |
| 6N6 (L3)                                  | Demonstrate an understanding of percent as ratio                                 | 87.5         | 84.4                       | 84.1                         |
| 6N3 (L2)                                  | Distinguish between prime and composite numbers                                  | 54.2         | 52.9                       | 54.8                         |
| 6N3 (L2)                                  | Determine factors of a given number  | 68.8         | 64.7                       | 66.3                         |
| 6N4 (L1)                                  | Place an improper fraction on a number line                                      | 22.9         | 36.8                       | 38.2                         |
| 6N7 (L3)                                  | Select integer that best fits description  | 66.7         | 72.3                       | 71.9                         |
| Number Operations                         |  |              |                            |                              |
| 6N8 (L2)                                  | Compute products of whole numbers and decimals                                   | 79.3         | 81.9                       | 83.1                         |
| 6N2, 6N8 (L2)                             | Compute quotients of whole numbers and decimals                                  | 73.6         | 63.5                       | 64.5                         |
| 6N8 (L3)                                  | Place decimal in correct position in a product of whole numbers and decimals     | 79.3         | 83.0                       | 83.8                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves division of decimals                               | 67.9         | 70.8                       | 71.0                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves multiplication of decimals                         | 62.3         | 64.0                       | 64.1                         |
| 6N2 (L2)                                  | Estimate the solution to a subtraction problem                                   | 62.3         | 53.6                       | 53.4                         |
| 6N2 (L3)                                  | Determine number expression represented by base ten blocks                       | 60.4         | 55.7                       | 56.7                         |
| 6N9 (L3)                                  | Apply the order of operations to solve a problem                                 | 45.3         | 48.9                       | 50.1                         |
| 6N9 (L2)                                  | Apply the order of operations to solve a problem                                 | 32.1         | 48.4                       | 49.7                         |
| Patterns and Relations                    |  |              |                            |                              |
| 6PR1 (L2)                                 | Identify the value of an unknown term in a table of values                       | 72.7         | 84.0                       | 84.2                         |
| 6PR1 (L3)                                 | Identify an error in a given table of values                                     | 78.2         | 87.9                       | 87.9                         |
| 6PR1, 6PR3 (L2)                           | Write a mathematical expression for a situation                                  | 14.6         | 23.3                       | 24.4                         |
| 6PR3 (L2)                                 | Represent a pattern rule using a simple mathematical expression                  | 45.5         | 51.2                       | 53.5                         |
| 6PR3 (L2)                                 | Extend a pattern that is shown on a line graph                                   | 70.9         | 76.2                       | 75.9                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given equation                          | 45.5         | 50.0                       | 50.3                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given model                             | 23.6         | 28.4                       | 28.9                         |
| 6PR1, 6PR2 (L2)<br><u>Shape and Space</u> | Determine a mathematical expression for a situation and a table of values        | 30.9         | 29.4                       | 31.9                         |
|   | Classify a given angle according to its measure                                  | 80.0         | 82.1                       | 82.5                         |
| 6SS1 (L1)<br>6SS1 (L1)                    | Classify a given angle according to its measure Estimate the measure of an angle | 81.8         | 85.8                       | 85.9                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a triangle is 180°                     |              |                            |                              |
| 6SS2 (L2)<br>6SS2 (L2)                    | Demonstrate the sum of interior angles of a quadrilateral is 360°                | 70.9         | 72.0                       | 72.7                         |
| 6SS3 (L2)                                 | Find the perimeter and area of a given polygon                                   | 65.5<br>58.2 | 74.5                       | 74.4                         |
| 6SS3 (L1)                                 | Find the volume of a given rectangular prism                                     | 34.6         | 58.4<br>41.8               | 59.2<br>43.1                 |
| 6SS4 (L1)                                 | Identify a given triangle according to its angle measures                        |              |                            |                              |
| 6SS4 (L1)<br>6SS5 (L2)                    | Sort a given set of polygons according to given attributes                       | 74.6         | 62.2<br>56.3               | 63.5<br>57.4                 |
|   | Identify congruent triangles   | 76.4         | 75.1                       | 77.1                         |
| 6SS4, 6SS5 (L1)                           | Identify the coordinates of two given points on a Cartesian plane                |              |                            |                              |
| 6SS8 (L1)                                 | Describe the combined transformations performed on a 2-D shape                   | 58.2         | 67.4                       | 68.9                         |
| 6SS6 (L1)<br>6SS9 (L1)                    |  | 76.4         | 73.7                       | 74.4                         |
|   | Describe the single transformation performed on a 2-D shape                      | 70.9         | 79.5                       | 80.4                         |
| 6SS7 (L2)                                 | Identify the successive transformations performed to create a design             | 65.5         | 64.7                       | 66.2                         |

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Source: Division of Evaluation and Research, Department of Education and Early Childhood Development



(Item Analysis: % of content answered correctly)

NLESD - Eastern Region

School #: 363 Vanier Elementary, St. John's Grades: K-6

| Outcome(s)<br>Cognitive Level             | Outcome Description  | School<br>[N=46] | <b>Region</b><br>[N=2,877] | <b>Province</b><br>[N=4,875] |
|---|--|------------------|----------------------------|------------------------------|
| Number Concepts                           |  |                  |                            |                              |
| 6N1 (L1)                                  | Identify the value of a digit in a given number                              | 69.6             | 67.5                       | 68.2                         |
| 6N1 (L2)                                  | Demonstrate an understanding of place value through base ten representations | 34.8             | 37.4                       | 38.1                         |
| 6N5 (L1)                                  | Write and interpret ratios comparing part-to-whole                           | 71.7             | 59.6                       | 59.7                         |
| 6N5 (L2)                                  | Demonstrate an understanding of equivalent ratios                            | 60.9             | 46.6                       | 48.4                         |
| 6N6 (L1)                                  | Demonstrate an understanding of percent as ratio                             | 54.4             | 50.2                       | 50.0                         |
| 6N6 (L3)                                  | Demonstrate an understanding of percent as ratio                             | 91.3             | 84.4                       | 84.1                         |
| 6N3 (L2)                                  | Distinguish between prime and composite numbers                              | 58.7             | 52.9                       | 54.8                         |
| 6N3 (L2)                                  | Determine factors of a given number  | 65.2             | 64.7                       | 66.3                         |
| 6N4 (L1)                                  | Place an improper fraction on a number line                                  | 34.8             | 36.8                       | 38.2                         |
| 6N7 (L3)                                  | Select integer that best fits description                                    | 80.4             | 72.3                       | 71.9                         |
| Number Operations                         |  |                  |                            |                              |
| 6N8 (L2)                                  | Compute products of whole numbers and decimals                               | 93.5             | 81.9                       | 83.1                         |
| 6N2, 6N8 (L2)                             | Compute quotients of whole numbers and decimals                              | 56.5             | 63.5                       | 64.5                         |
| 6N8 (L3)                                  | Place decimal in correct position in a product of whole numbers and decimals | 91.3             | 83.0                       | 83.8                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves division of decimals                           | 78.3             | 70.8                       | 71.0                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves multiplication of decimals                     | 80.4             | 64.0                       | 64.1                         |
| 6N2 (L2)                                  | Estimate the solution to a subtraction problem                               | 54.4             | 53.6                       | 53.4                         |
| 6N2 (L3)                                  | Determine number expression represented by base ten blocks                   | 67.4             | 55.7                       | 56.7                         |
| 6N9 (L3)                                  | Apply the order of operations to solve a problem                             | 56.5             | 48.9                       | 50.1                         |
| 6N9 (L2)                                  | Apply the order of operations to solve a problem                             | 52.2             | 48.4                       | 49.7                         |
| Patterns and Relations                    |  |                  |                            |                              |
| 6PR1 (L2)                                 | Identify the value of an unknown term in a table of values                   | 88.9             | 84.0                       | 84.2                         |
| 6PR1 (L3)                                 | Identify an error in a given table of values                                 | 88.9             | 87.9                       | 87.9                         |
| 6PR1, 6PR3 (L2)                           | Write a mathematical expression for a situation                              | 31.1             | 23.3                       | 24.4                         |
| 6PR3 (L2)                                 | Represent a pattern rule using a simple mathematical expression              | 55.6             | 51.2                       | 53.5                         |
| 6PR3 (L2)                                 | Extend a pattern that is shown on a line graph                               | 77.8             | 76.2                       | 75.9                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given equation                      | 48.9             | 50.0                       | 50.3                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given model                         | 22.2             | 28.4                       | 28.9                         |
| 6PR1, 6PR2 (L2)<br><u>Shape and Space</u> | Determine a mathematical expression for a situation and a table of values    | 42.2             | 29.4                       | 31.9                         |
| 6SS1 (L1)                                 | Classify a given angle according to its measure                              | 78.6             | 82.1                       | 82.5                         |
| 6SS1 (L1)                                 | Estimate the measure of an angle   | 92.9             | 85.8                       | 85.9                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a triangle is 180°                 | 78.6             | 72.0                       | 72.7                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a quadrilateral is 360°            | 71.4             | 74.5                       | 74.4                         |
| 6SS3 (L2)                                 | Find the perimeter and area of a given polygon                               | 57.1             | 58.4                       | 59.2                         |
| 6SS3 (L1)                                 | Find the volume of a given rectangular prism                                 | 57.1             | 41.8                       | 43.1                         |
| 6SS4 (L1)                                 | Identify a given triangle according to its angle measures                    | 66.7             | 62.2                       | 63.5                         |
| 6SS5 (L2)                                 | Sort a given set of polygons according to given attributes                   | 40.5             | 56.3                       | 57.4                         |
| 6SS4, 6SS5 (L1)                           | Identify congruent triangles   | 78.6             | 75.1                       | 77.1                         |
| 6SS8 (L1)                                 | Identify the coordinates of two given points on a Cartesian plane            | 76.2             | 67.4                       | 68.9                         |
| 6SS6 (L1)                                 | Describe the combined transformations performed on a 2-D shape               | 76.2             | 73.7                       | 74.4                         |
| 6SS9 (L1)                                 | Describe the single transformation performed on a 2-D shape                  | 81.0             | 79.5                       | 80.4                         |
| 6SS7 (L2)                                 | Identify the successive transformations performed to create a design         | 69.1             | 64.7                       | 66.2                         |
|   | ,  |                  |                            | 00.2                         |

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Source: Division of Evaluation and Research, Department of Education and Early Childhood Development



(Item Analysis: % of content answered correctly)

#### NLESD - Eastern Region

School #: 364 Virginia Park Elementary, St. John's

Grades: K-6

| Outcome(s)                                |  | School | Region    | Province     |
|---|--|--------|-----------|--------------|
| Cognitive Level                           | Outcome Description  | [N=32] | [N=2,877] | [N=4,875]    |
| Number Concepts                           |  |        |           |              |
| 6N1 (L1)                                  | Identify the value of a digit in a given number                              | 35.5   | 67.5      | 68.2         |
| 6N1 (L2)                                  | Demonstrate an understanding of place value through base ten representations | 41.9   | 37.4      | 38.1         |
| 6N5 (L1)                                  | Write and interpret ratios comparing part-to-whole                           | 48.4   | 59.6      | 59.7         |
| 6N5 (L2)                                  | Demonstrate an understanding of equivalent ratios                            | 38.7   | 46.6      | 48.4         |
| 6N6 (L1)                                  | Demonstrate an understanding of percent as ratio                             | 35.5   | 50.2      | 50.0         |
| 6N6 (L3)                                  | Demonstrate an understanding of percent as ratio                             | 77.4   | 84.4      | 84.1         |
| 6N3 (L2)                                  | Distinguish between prime and composite numbers                              | 29.0   | 52.9      | 54.8         |
| 6N3 (L2)                                  | Determine factors of a given number  | 41.9   | 64.7      | 66.3         |
| 6N4 (L1)                                  | Place an improper fraction on a number line                                  | 25.8   | 36.8      | 38.2         |
| 6N7 (L3)                                  | Select integer that best fits description                                    | 54.8   | 72.3      | 71.9         |
| Number Operations                         |  |        |           |              |
| 6N8 (L2)                                  | Compute products of whole numbers and decimals                               | 59.4   | 81.9      | 83.1         |
| 6N2, 6N8 (L2)                             | Compute quotients of whole numbers and decimals                              | 50.0   | 63.5      | 64.5         |
| 6N8 (L3)                                  | Place decimal in correct position in a product of whole numbers and decimals | 46.9   | 83.0      | 83.8         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves division of decimals                           | 37.5   | 70.8      | 71.0         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves multiplication of decimals                     | 50.0   | 64.0      | 64.1         |
| 6N2 (L2)                                  | Estimate the solution to a subtraction problem                               | 56.3   | 53.6      | 53.4         |
| 6N2 (L3)                                  | Determine number expression represented by base ten blocks                   | 40.6   | 55.7      | 56.7         |
| 6N9 (L3)                                  | Apply the order of operations to solve a problem                             | 43.8   | 48.9      | 50.1         |
| 6N9 (L2)                                  | Apply the order of operations to solve a problem                             | 43.8   | 48.4      | 49.7         |
| Patterns and Relations                    |  |        |           |              |
| 6PR1 (L2)                                 | Identify the value of an unknown term in a table of values                   | 90.0   | 84.0      | 84.2         |
| 6PR1 (L3)                                 | Identify an error in a given table of values                                 | 73.3   | 87.9      | 87.9         |
| 6PR1, 6PR3 (L2)                           | Write a mathematical expression for a situation                              | 30.0   | 23.3      | 24.4         |
| 6PR3 (L2)                                 | Represent a pattern rule using a simple mathematical expression              | 23.3   | 51.2      | 53.5         |
| 6PR3 (L2)                                 | Extend a pattern that is shown on a line graph                               | 63.3   | 76.2      | 75.9         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given equation                      | 33.3   | 50.0      | 50.3         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given model                         | 13.3   | 28.4      | 28.9<br>31.9 |
| 6PR1, 6PR2 (L2)<br><u>Shape and Space</u> | Determine a mathematical expression for a situation and a table of values    | 20.7   | 29.4      | 31.9         |
| 6SS1 (L1)                                 | Classify a given angle according to its measure                              | 83.3   | 82.1      | 82.5         |
| 6SS1 (L1)                                 | Estimate the measure of an angle   | 76.7   | 85.8      | 85.9         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a triangle is 180°                 | 46.7   | 72.0      | 72.7         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a quadrilateral is 360°            | 66.7   | 74.5      | 74.4         |
| 6SS3 (L2)                                 | Find the perimeter and area of a given polygon                               | 43.3   | 58.4      | 59.2         |
| 6SS3 (L1)                                 | Find the volume of a given rectangular prism                                 | 20.0   | 41.8      | 43.1         |
| 6SS4 (L1)                                 | Identify a given triangle according to its angle measures                    | 56.7   | 62.2      | 63.5         |
| 6SS5 (L2)                                 | Sort a given set of polygons according to given attributes                   | 50.0   | 56.3      | 57.4         |
| 6SS4, 6SS5 (L1)                           | Identify congruent triangles   | 70.0   | 75.1      | 77.1         |
| 6SS8 (L1)                                 | Identify the coordinates of two given points on a Cartesian plane            | 63.3   | 67.4      | 68.9         |
| 6SS6 (L1)                                 | Describe the combined transformations performed on a 2-D shape               | 46.7   | 73.7      | 74.4         |
| 6SS9 (L1)                                 | Describe the single transformation performed on a 2-D shape                  | 50.0   | 79.5      | 80.4         |
| 6SS7 (L2)                                 | Identify the successive transformations performed to create a design         | 46.7   | 64.7      | 66.2         |
|   |  | 40.7   | 04.7      | 00.2         |

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Source: Division of Evaluation and Research, Department of Education and Early Childhood Development



(Item Analysis: % of content answered correctly)

NLESD - Eastern Region

School #: 367 Holy Trinity Elementary, Torbay Grades: K-6

| Outcome(s)<br>Cognitive Level             | Outcome Description  | School<br>[N=80] | <b>Region</b><br>[N=2,877] | <b>Province</b><br>[N=4,875] |
|---|--|------------------|----------------------------|------------------------------|
| Number Concepts                           |  |                  |                            |                              |
| 6N1 (L1)                                  | Identify the value of a digit in a given number                              | 59.7             | 67.5                       | 68.2                         |
| 6N1 (L2)                                  | Demonstrate an understanding of place value through base ten representations | 22.1             | 37.4                       | 38.1                         |
| 6N5 (L1)                                  | Write and interpret ratios comparing part-to-whole                           | 64.9             | 59.6                       | 59.7                         |
| 6N5 (L2)                                  | Demonstrate an understanding of equivalent ratios                            | 37.7             | 46.6                       | 48.4                         |
| 6N6 (L1)                                  | Demonstrate an understanding of percent as ratio                             | 52.0             | 50.2                       | 50.0                         |
| 6N6 (L3)                                  | Demonstrate an understanding of percent as ratio                             | 84.4             | 84.4                       | 84.1                         |
| 6N3 (L2)                                  | Distinguish between prime and composite numbers                              | 54.6             | 52.9                       | 54.8                         |
| 6N3 (L2)                                  | Determine factors of a given number  | 67.5             | 64.7                       | 66.3                         |
| 6N4 (L1)                                  | Place an improper fraction on a number line                                  | 26.0             | 36.8                       | 38.2                         |
| 6N7 (L3)                                  | Select integer that best fits description                                    | 58.4             | 72.3                       | 71.9                         |
| Number Operations                         |  |                  |                            |                              |
| 6N8 (L2)                                  | Compute products of whole numbers and decimals                               | 86.1             | 81.9                       | 83.1                         |
| 6N2, 6N8 (L2)                             | Compute quotients of whole numbers and decimals                              | 65.8             | 63.5                       | 64.5                         |
| 6N8 (L3)                                  | Place decimal in correct position in a product of whole numbers and decimals | 91.1             | 83.0                       | 83.8                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves division of decimals                           | 72.2             | 70.8                       | 71.0                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves multiplication of decimals                     | 72.2             | 64.0                       | 64.1                         |
| 6N2 (L2)                                  | Estimate the solution to a subtraction problem                               | 49.4             | 53.6                       | 53.4                         |
| 6N2 (L3)                                  | Determine number expression represented by base ten blocks                   | 54.4             | 55.7                       | 56.7                         |
| 6N9 (L3)                                  | Apply the order of operations to solve a problem                             | 48.1             | 48.9                       | 50.1                         |
| 6N9 (L2) Patterns and Relations           | Apply the order of operations to solve a problem                             | 30.4             | 48.4                       | 49.7                         |
| 6PR1 (L2)                                 | Identify the value of an unknown term in a table of values                   | 78.5             | 84.0                       | 84.2                         |
| 6PR1 (L3)                                 | Identify an error in a given table of values                                 | 89.9             | 87.9                       | 87.9                         |
| 6PR1, 6PR3 (L2)                           | Write a mathematical expression for a situation                              | 17.7             | 23.3                       | 24.4                         |
| 6PR3 (L2)                                 | Represent a pattern rule using a simple mathematical expression              | 49.4             | 51.2                       | 53.5                         |
| 6PR3 (L2)                                 | Extend a pattern that is shown on a line graph                               | 82.3             | 76.2                       | 75.9                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given equation                      | 48.1             | 50.0                       | 50.3                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given model                         | 20.3             | 28.4                       | 28.9                         |
| 6PR1, 6PR2 (L2)<br><u>Shape and Space</u> | Determine a mathematical expression for a situation and a table of values    | 17.7             | 29.4                       | 31.9                         |
| 6SS1 (L1)                                 | Classify a given angle according to its measure                              | 73.4             | 82.1                       | 82.5                         |
| 6SS1 (L1)                                 | Estimate the measure of an angle   | 78.5             | 85.8                       | 85.9                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a triangle is 180°                 | 64.6             | 72.0                       | 72.7                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a quadrilateral is 360°            | 74.7             | 74.5                       | 74.4                         |
| 6SS3 (L2)                                 | Find the perimeter and area of a given polygon                               | 48.1             | 58.4                       | 59.2                         |
| 6SS3 (L1)                                 | Find the volume of a given rectangular prism                                 | 38.0             | 41.8                       | 43.1                         |
| 6SS4 (L1)                                 | Identify a given triangle according to its angle measures                    | 57.0             | 62.2                       | 63.5                         |
| 6SS5 (L2)                                 | Sort a given set of polygons according to given attributes                   | 40.5             | 56.3                       | 57.4                         |
| 6SS4, 6SS5 (L1)                           | Identify congruent triangles   | 77.2             | 75.1                       | 77.1                         |
| 6SS8 (L1)                                 | Identify the coordinates of two given points on a Cartesian plane            | 69.6             | 67.4                       | 68.9                         |
| 6SS6 (L1)                                 | Describe the combined transformations performed on a 2-D shape               | 68.4             | 73.7                       | 74.4                         |
| 6SS9 (L1)                                 | Describe the single transformation performed on a 2-D shape                  | 86.1             | 79.5                       | 80.4                         |
| 6SS7 (L2)                                 | Identify the successive transformations performed to create a design         | 64.6             | 64.7                       | 66.2                         |
|   |  |                  | I                          | I                            |



(Item Analysis: % of content answered correctly)

#### NLESD - Eastern Region

### School #: 370 Stella Maris Academy, Trepassey

Grades: K-12

| Outcome(s)<br>Cognitive Level | Outcome Description  | School<br>[N=3]         | <b>Region</b><br>[N=2,877] | Province<br>[N=4,875] |
|-------------------------------|--|-------------------------|----------------------------|-----------------------|
| Number Concepts               |  |                         |                            |                       |
| 6N1 (L1)                      | Identify the value of a digit in a given number  |                         | 67.5                       | 68.2                  |
| 6N1 (L2)                      | Demonstrate an understanding of place value through base ten representations                                 | School data             | 37.4                       | 38.1                  |
| 6N5 (L1)                      | Write and interpret ratios comparing part-to-whole   | with 5 or               | 59.6                       | 59.7                  |
| 6N5 (L2)                      | Demonstrate an understanding of equivalent ratios  | fewer                   | 46.6                       | 48.4                  |
| 6N6 (L1)                      | Demonstrate an understanding of percent as ratio   | students                | 50.2                       | 50.0                  |
| 6N6 (L3)                      | Demonstrate an understanding of percent as ratio   | withheld for reasons of | 84.4                       | 84.1                  |
| 6N3 (L2)                      | Distinguish between prime and composite numbers  | confidentiality         | 52.9                       | 54.8                  |
| 6N3 (L2)                      | Determine factors of a given number  |                         | 64.7                       | 66.3                  |
| 6N4 (L1)                      | Place an improper fraction on a number line  |                         | 36.8                       | 38.2                  |
| 6N7 (L3)                      | Select integer that best fits description  |                         | 72.3                       | 71.9                  |
| Number Operations             |  |                         |                            |                       |
| 6N8 (L2)                      | Compute products of whole numbers and decimals   |                         | 81.9                       | 83.1                  |
| 6N2, 6N8 (L2)                 | Compute quotients of whole numbers and decimals  |                         | 63.5                       | 64.5                  |
| 6N8 (L3)                      | Place decimal in correct position in a product of whole numbers and decimals                                 |                         | 83.0                       | 83.8                  |
| 6N2, 6N8 (L2)                 | Solve a problem that involves division of decimals   |                         | 70.8                       | 71.0                  |
| 6N2, 6N8 (L2)                 | Solve a problem that involves multiplication of decimals   |                         | 64.0                       | 64.1                  |
| 6N2 (L2)                      | Estimate the solution to a subtraction problem   |                         | 53.6                       | 53.4                  |
| 6N2 (L3)                      | Determine number expression represented by base ten blocks   |                         | 55.7                       | 56.7                  |
| 6N9 (L3)                      | Apply the order of operations to solve a problem   |                         | 48.9                       | 50.1                  |
| 6N9 (L2)                      | Apply the order of operations to solve a problem   |                         | 48.4                       | 49.7                  |
| Patterns and Relations        | Identify the value of an unknown term in a table of values   | -                       | 84.0                       | 84.2                  |
| 6PR1 (L3)                     | Identify an error in a given table of values   |                         |                            |                       |
|                               |  | _                       | 87.9                       | 87.9                  |
| 6PR1, 6PR3 (L2)               | Write a mathematical expression for a situation  |                         | 23.3                       | 24.4                  |
| 6PR3 (L2)                     | Represent a pattern rule using a simple mathematical expression  |                         | 51.2                       | 53.5                  |
| 6PR3 (L2)<br>6PR4 (L2)        | Extend a pattern that is shown on a line graph   |                         | 76.2                       | 75.9<br>50.3          |
| 6PR4 (L2)                     | Identifying an equivalent equation for a given equation Identifying an equivalent equation for a given model |                         | 28.4                       | 28.9                  |
| 6PR1, 6PR2 (L2)               | Determine a mathematical expression for a situation and a table of values                                    |                         | 29.4                       | 31.9                  |
| Shape and Space               |  |                         |                            |                       |
| 6SS1 (L1)                     | Classify a given angle according to its measure  |                         | 82.1                       | 82.5                  |
| 6SS1 (L1)                     | Estimate the measure of an angle   |                         | 85.8                       | 85.9                  |
| 6SS2 (L2)                     | Demonstrate the sum of interior angles of a triangle is 180°   |                         | 72.0                       | 72.7                  |
| 6SS2 (L2)                     | Demonstrate the sum of interior angles of a quadrilateral is 360°  |                         | 74.5                       | 74.4                  |
| 6SS3 (L2)                     | Find the perimeter and area of a given polygon   | 100.0                   | 58.4                       | 59.2                  |
| 6SS3 (L1)                     | Find the volume of a given rectangular prism   | 100.0                   | 41.8                       | 43.1                  |
| 6SS4 (L1)                     | Identify a given triangle according to its angle measures  | 100.0                   | 62.2                       | 63.5                  |
| 6SS5 (L2)                     | Sort a given set of polygons according to given attributes   | 100.0                   | 56.3                       | 57.4                  |
| 6SS4, 6SS5 (L1)               | Identify congruent triangles   | 100.0                   | 75.1                       | 77.1                  |
| 6SS8 (L1)                     | Identify the coordinates of two given points on a Cartesian plane  | 100.0                   | 67.4                       | 68.9                  |
| 6SS6 (L1)                     | Describe the combined transformations performed on a 2-D shape   | 100.0                   | 73.7                       | 74.4                  |
| 6SS9 (L1)                     | Describe the single transformation performed on a 2-D shape  | 100.0                   | 79.5                       | 80.4                  |
|                               | Identify the successive transformations performed to create a design   |                         |                            |                       |
| 6SS7 (L2)                     | ועטרומין עוב שעטבשאיע עמראטווומעטוא אבווטווופע ע טופאנע א עפאנעוו  | 100.0                   | 64.7                       | 66.2                  |

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(Item Analysis: % of content answered correctly)

#### NLESD - Eastern Region

School #: 371 Upper Gullies Elementary, Conception Bay South (Upper Gullies) Grades: K-6

| Outcome(s)<br>Cognitive Level             | Outcome Description  | School<br>[N=62] | <b>Region</b><br>[N=2,877] | <b>Province</b><br>[N=4,875] |
|---|--|------------------|----------------------------|------------------------------|
| Number Concepts                           |  |                  |                            |                              |
| 6N1 (L1)                                  | Identify the value of a digit in a given number                              | 78.7             | 67.5                       | 68.2                         |
| 6N1 (L2)                                  | Demonstrate an understanding of place value through base ten representations | 31.2             | 37.4                       | 38.1                         |
| 6N5 (L1)                                  | Write and interpret ratios comparing part-to-whole                           | 65.6             | 59.6                       | 59.7                         |
| 6N5 (L2)                                  | Demonstrate an understanding of equivalent ratios                            | 41.0             | 46.6                       | 48.4                         |
| 6N6 (L1)                                  | Demonstrate an understanding of percent as ratio                             | 49.2             | 50.2                       | 50.0                         |
| 6N6 (L3)                                  | Demonstrate an understanding of percent as ratio                             | 90.2             | 84.4                       | 84.1                         |
| 6N3 (L2)                                  | Distinguish between prime and composite numbers                              | 41.0             | 52.9                       | 54.8                         |
| 6N3 (L2)                                  | Determine factors of a given number  | 59.0             | 64.7                       | 66.3                         |
| 6N4 (L1)                                  | Place an improper fraction on a number line                                  | 47.5             | 36.8                       | 38.2                         |
| 6N7 (L3)                                  | Select integer that best fits description                                    | 70.5             | 72.3                       | 71.9                         |
| Number Operations                         |  |                  |                            |                              |
| 6N8 (L2)                                  | Compute products of whole numbers and decimals                               | 79.7             | 81.9                       | 83.1                         |
| 6N2, 6N8 (L2)                             | Compute quotients of whole numbers and decimals                              | 76.3             | 63.5                       | 64.5                         |
| 6N8 (L3)                                  | Place decimal in correct position in a product of whole numbers and decimals | 84.8             | 83.0                       | 83.8                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves division of decimals                           | 66.1             | 70.8                       | 71.0                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves multiplication of decimals                     | 55.9             | 64.0                       | 64.1                         |
| 6N2 (L2)                                  | Estimate the solution to a subtraction problem                               | 67.8             | 53.6                       | 53.4                         |
| 6N2 (L3)                                  | Determine number expression represented by base ten blocks                   | 55.9             | 55.7                       | 56.7                         |
| 6N9 (L3)                                  | Apply the order of operations to solve a problem                             | 45.8             | 48.9                       | 50.1                         |
| 6N9 (L2)                                  | Apply the order of operations to solve a problem                             | 64.4             | 48.4                       | 49.7                         |
| Patterns and Relations                    |  |                  |                            |                              |
| 6PR1 (L2)                                 | Identify the value of an unknown term in a table of values                   | 81.4             | 84.0                       | 84.2                         |
| 6PR1 (L3)                                 | Identify an error in a given table of values                                 | 86.4             | 87.9                       | 87.9                         |
| 6PR1, 6PR3 (L2)                           | Write a mathematical expression for a situation                              | 20.3             | 23.3                       | 24.4                         |
| 6PR3 (L2)                                 | Represent a pattern rule using a simple mathematical expression              | 50.9             | 51.2                       | 53.5                         |
| 6PR3 (L2)                                 | Extend a pattern that is shown on a line graph                               | 76.3             | 76.2                       | 75.9                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given equation                      | 45.8             | 50.0                       | 50.3                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given model                         | 25.4             | 28.4                       | 28.9                         |
| 6PR1, 6PR2 (L2)<br><u>Shape and Space</u> | Determine a mathematical expression for a situation and a table of values    | 18.6             | 29.4                       | 31.9                         |
| 6SS1 (L1)                                 | Classify a given angle according to its measure                              | 76.8             | 82.1                       | 82.5                         |
| 6SS1 (L1)                                 | Estimate the measure of an angle   | 85.7             | 85.8                       | 85.9                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a triangle is 180°                 | 69.6             | 72.0                       | 72.7                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a quadrilateral is 360°            | 76.8             | 74.5                       | 74.4                         |
| 6SS3 (L2)                                 | Find the perimeter and area of a given polygon                               | 67.9             | 58.4                       | 59.2                         |
| 6SS3 (L1)                                 | Find the volume of a given rectangular prism                                 | 48.2             | 41.8                       | 43.1                         |
| 6SS4 (L1)                                 | Identify a given triangle according to its angle measures                    | 64.3             | 62.2                       | 63.5                         |
| 6SS5 (L2)                                 | Sort a given set of polygons according to given attributes                   | 58.9             | 56.3                       | 57.4                         |
| 6SS4, 6SS5 (L1)                           | Identify congruent triangles   | 71.4             | 75.1                       | 77.1                         |
| 6SS8 (L1)                                 | Identify the coordinates of two given points on a Cartesian plane            | 64.3             | 67.4                       | 68.9                         |
| 6SS6 (L1)                                 | Describe the combined transformations performed on a 2-D shape               | 69.6             | 73.7                       | 74.4                         |
| 6SS9 (L1)                                 | Describe the single transformation performed on a 2-D shape                  | 83.9             | 79.5                       | 80.4                         |
| 6SS7 (L2)                                 | Identify the successive transformations performed to create a design         | 60.7             | 64.7                       | 66.2                         |
| · \ /                                     | - · · · · ·  |                  |                            |                              |

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Source: Division of Evaluation and Research, Department of Education and Early Childhood Development



(Item Analysis: % of content answered correctly)

#### NLESD - Eastern Region

School #: 372 St. Bernard's Elementary, Witless Bay

Grades: K-6

| Outcome(s)<br>Cognitive Level       | Outcome Description  | School<br>[N=32] | <b>Region</b><br>[N=2,877] | <b>Province</b><br>[N=4,875] |
|-------------------------------------|--|------------------|----------------------------|------------------------------|
|                                     |  | [11-02]          | 1                          |                              |
| Number Concepts                     |  |                  |                            |                              |
| 6N1 (L1)                            | Identify the value of a digit in a given number  | 51.6             | 67.5                       | 68.2                         |
| 6N1 (L2)                            | Demonstrate an understanding of place value through base ten representations   | 58.1             | 37.4                       | 38.1                         |
| 6N5 (L1)                            | Write and interpret ratios comparing part-to-whole   | 61.3             | 59.6                       | 59.7                         |
| 6N5 (L2)                            | Demonstrate an understanding of equivalent ratios  | 41.9             | 46.6                       | 48.4                         |
| 6N6 (L1)                            | Demonstrate an understanding of percent as ratio   | 48.4             | 50.2                       | 50.0                         |
| 6N6 (L3)                            | Demonstrate an understanding of percent as ratio   | 80.7             | 84.4                       | 84.1                         |
| 6N3 (L2)                            | Distinguish between prime and composite numbers  | 38.7             | 52.9                       | 54.8                         |
| 6N3 (L2)                            | Determine factors of a given number  | 71.0             | 64.7                       | 66.3                         |
| 6N4 (L1)                            | Place an improper fraction on a number line  | 32.3             | 36.8                       | 38.2                         |
| 6N7 (L3)                            | Select integer that best fits description  | 64.5             | 72.3                       | 71.9                         |
| Number Operations                   |  |                  |                            |                              |
| 6N8 (L2)                            | Compute products of whole numbers and decimals   | 90.0             | 81.9                       | 83.1                         |
| 6N2, 6N8 (L2)                       | Compute quotients of whole numbers and decimals  | 73.3             | 63.5                       | 64.5                         |
| 6N8 (L3)                            | Place decimal in correct position in a product of whole numbers and decimals   | 90.0             | 83.0                       | 83.8                         |
| 6N2, 6N8 (L2)                       | Solve a problem that involves division of decimals   | 83.3             | 70.8                       | 71.0                         |
| 6N2, 6N8 (L2)                       | Solve a problem that involves multiplication of decimals   | 46.7             | 64.0                       | 64.1                         |
| 6N2 (L2)                            | Estimate the solution to a subtraction problem   | 70.0             | 53.6                       | 53.4                         |
| 6N2 (L3)                            | Determine number expression represented by base ten blocks   | 50.0             | 55.7                       | 56.7                         |
| 6N9 (L3)                            | Apply the order of operations to solve a problem   | 60.0             | 48.9                       | 50.1                         |
| 6N9 (L2)                            | Apply the order of operations to solve a problem   | 40.0             | 48.4                       | 49.7                         |
| Patterns and Relations<br>6PR1 (L2) | Identify the value of an unknown term in a table of values   | 96.7             | 84.0                       | 84.2                         |
|                                     | -  |                  | -                          |                              |
| 6PR1 (L3)                           | Identify an error in a given table of values   | 96.7             | 87.9                       | 87.9                         |
| 6PR1, 6PR3 (L2)                     | Write a mathematical expression for a situation  | 16.7             | 23.3                       | 24.4                         |
| 6PR3 (L2)                           | Represent a pattern rule using a simple mathematical expression  | 43.3             | 51.2                       | 53.5                         |
| 6PR3 (L2)                           | Extend a pattern that is shown on a line graph   | 66.7             | 76.2                       | 75.9                         |
| 6PR4 (L2)<br>6PR4 (L2)              | Identifying an equivalent equation for a given equation  | 50.0<br>40.0     | 50.0<br>28.4               | 50.3<br>28.9                 |
| 6PR1, 6PR2 (L2)                     | Identifying an equivalent equation for a given model Determine a mathematical expression for a situation and a table of values | 10.0             | 20.4                       | 31.9                         |
| Shape and Space                     |  | 10.0             | 20.1                       |                              |
| 6SS1 (L1)                           | Classify a given angle according to its measure  | 76.7             | 82.1                       | 82.5                         |
| 6SS1 (L1)                           | Estimate the measure of an angle   | 76.7             | 85.8                       | 85.9                         |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a triangle is 180°   | 80.0             | 72.0                       | 72.7                         |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a quadrilateral is 360°  | 73.3             | 74.5                       | 74.4                         |
| 6SS3 (L2)                           | Find the perimeter and area of a given polygon   | 56.7             | 58.4                       | 59.2                         |
| 6SS3 (L1)                           | Find the volume of a given rectangular prism   | 33.3             | 41.8                       | 43.1                         |
| 6SS4 (L1)                           | Identify a given triangle according to its angle measures  | 63.3             | 62.2                       | 63.5                         |
| 6SS5 (L2)                           | Sort a given set of polygons according to given attributes   | 60.0             | 56.3                       | 57.4                         |
| 6SS4, 6SS5 (L1)                     | Identify congruent triangles   | 80.0             | 75.1                       | 77.1                         |
| 6SS8 (L1)                           | Identify the coordinates of two given points on a Cartesian plane  | 80.0             | 67.4                       | 68.9                         |
| 6SS6 (L1)                           | Describe the combined transformations performed on a 2-D shape   | 63.3             | 73.7                       | 74.4                         |
| 6SS9 (L1)                           | Describe the single transformation performed on a 2-D shape  | 86.7             | 79.5                       | 80.4                         |
| 6SS7 (L2)                           | Identify the successive transformations performed to create a design   | 56.7             | 64.7                       | 66.2                         |
|                                     |  | 00.7             | 04.7                       | 00.2                         |

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Source: Division of Evaluation and Research, Department of Education and Early Childhood Development



### **Elementary Mathematics Provincial Assessment, June 2014 School Report - Multiple Choice Items**

(Item Analysis: % of content answered correctly)

#### NLESD - Eastern Region

School #: 427 Holy Name of Mary Academy, Lawn

| School #: 427<br>Grades: K-12 | Holy Name of Mary Academy, Lawn  |        |           |           |
|-------------------------------|--|--------|-----------|-----------|
|                               |  | School | Region    | Province  |
| Outcome(s)<br>Cognitive Level | Outcome Description  | [N=8]  | [N=2,877] | [N=4,875] |
| Number Concepts               |  |        |           |           |
| 6N1 (L1)                      | Identify the value of a digit in a given number                              | 50.0   | 67.5      | 68.2      |
| 6N1 (L2)                      | Demonstrate an understanding of place value through base ten representations | 62.5   | 37.4      | 38.1      |
| 6N5 (L1)                      | Write and interpret ratios comparing part-to-whole                           | 62.5   | 59.6      | 59.7      |
| 6N5 (L2)                      | Demonstrate an understanding of equivalent ratios                            | 37.5   | 46.6      | 48.4      |
| 6N6 (L1)                      | Demonstrate an understanding of percent as ratio                             | 62.5   | 50.2      | 50.0      |
| 6N6 (L3)                      | Demonstrate an understanding of percent as ratio                             | 75.0   | 84.4      | 84.1      |
| 6N3 (L2)                      | Distinguish between prime and composite numbers                              | 50.0   | 52.9      | 54.8      |
| 6N3 (L2)                      | Determine factors of a given number  | 75.0   | 64.7      | 66.3      |
| 6N4 (L1)                      | Place an improper fraction on a number line                                  | 25.0   | 36.8      | 38.2      |
| 6N7 (L3)                      | Select integer that best fits description                                    | 87.5   | 72.3      | 71.9      |
| Number Operation              | 15   |        |           |           |
| 6N8 (L2)                      | Compute products of whole numbers and decimals                               | 75.0   | 81.9      | 83.1      |
| 6N2, 6N8 (L2)                 | Compute quotients of whole numbers and decimals                              | 87.5   | 63.5      | 64.5      |
| 6N8 (L3)                      | Place decimal in correct position in a product of whole numbers and decimals | 100.0  | 83.0      | 83.8      |
| 6N2, 6N8 (L2)                 | Solve a problem that involves division of decimals                           | 87.5   | 70.8      | 71.0      |
| 6N2, 6N8 (L2)                 | Solve a problem that involves multiplication of decimals                     | 75.0   | 64.0      | 64.1      |
| 6N2 (L2)                      | Estimate the solution to a subtraction problem                               | 37.5   | 53.6      | 53.4      |
| 6N2 (L3)                      | Determine number expression represented by base ten blocks                   | 75.0   | 55.7      | 56.7      |
| 6N9 (L3)                      | Apply the order of operations to solve a problem                             | 75.0   | 48.9      | 50.1      |
| 6N9 (L2)                      | Apply the order of operations to solve a problem                             | 100.0  | 48.4      | 49.7      |
| Patterns and Relat            | tions  |        |           |           |
| 6PR1 (L2)                     | Identify the value of an unknown term in a table of values                   | 100.0  | 84.0      | 84.2      |
| 6PR1 (L3)                     | Identify an error in a given table of values                                 | 75.0   | 87.9      | 87.9      |
| 6PR1, 6PR3 (L2)               | Write a mathematical expression for a situation                              | 62.5   | 23.3      | 24.4      |
| 6PR3 (L2)                     | Represent a pattern rule using a simple mathematical expression              | 87.5   | 51.2      | 53.5      |
| 6PR3 (L2)                     | Extend a pattern that is shown on a line graph                               | 100.0  | 76.2      | 75.9      |
| 6PR4 (L2)                     | Identifying an equivalent equation for a given equation                      | 75.0   | 50.0      | 50.3      |
| 6PR4 (L2)                     | Identifying an equivalent equation for a given model                         | 75.0   | 28.4      | 28.9      |
| 6PR1, 6PR2 (L2)               | Determine a mathematical expression for a situation and a table of values    | 37.5   | 29.4      | 31.9      |
| Shape and Space               |  |        |           |           |
| 6SS1 (L1)                     | Classify a given angle according to its measure                              | 85.7   | 82.1      | 82.5      |
| 6SS1 (L1)                     | Estimate the measure of an angle   | 100.0  | 85.8      | 85.9      |
| 6SS2 (L2)                     | Demonstrate the sum of interior angles of a triangle is 180°                 | 85.7   | 72.0      | 72.7      |
| 6SS2 (L2)                     | Demonstrate the sum of interior angles of a quadrilateral is 360°            | 100.0  | 74.5      | 74.4      |
| 6SS3 (L2)                     | Find the perimeter and area of a given polygon                               | 57.1   | 58.4      | 59.2      |
| 6SS3 (L1)                     | Find the volume of a given rectangular prism                                 | 42.9   | 41.8      | 43.1      |
| 6SS4 (L1)                     | Identify a given triangle according to its angle measures                    | 57.1   | 62.2      | 63.5      |
| 6SS5 (L2)                     | Sort a given set of polygons according to given attributes                   | 57.1   | 56.3      | 57.4      |
|                               |  |        |           |           |

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6SS4, 6SS5 (L1) 6SS8 (L1)

6SS6 (L1)

6SS9 (L1)

6SS7 (L2)

Source: Division of Evaluation and Research, Department of Education and Early Childhood Development Mushuau Innu Natuashish and Peenamin McKenzie School are excluded from district and provincial results.

Identify the coordinates of two given points on a Cartesian plane

Describe the single transformation performed on a 2-D shape

Describe the combined transformations performed on a 2-D shape

Identify the successive transformations performed to create a design

Identify congruent triangles

75.1

67.4

73.7

79.5

64.7

85.7

85.7

85.7

71.4

57.1

77.1

68.9

74.4

80.4

66.2



(Item Analysis: % of content answered correctly)

#### NLESD - Eastern Region

School #: 430 St. Mark's School, King's Cove Grades: K-12

| Outcome(s)<br>Cognitive Level             | Outcome Description  | School<br>[N=4]         | <b>Region</b><br>[N=2,877] | <b>Province</b><br>[N=4,875] |
|---|--|-------------------------|----------------------------|------------------------------|
| Number Concepts                           |  |                         |                            |                              |
| 6N1 (L1)                                  | Identify the value of a digit in a given number                              |                         | 67.5                       | 68.2                         |
| 6N1 (L2)                                  | Demonstrate an understanding of place value through base ten representations | School data             | 37.4                       | 38.1                         |
| 6N5 (L1)                                  | Write and interpret ratios comparing part-to-whole                           | with 5 or               | 59.6                       | 59.7                         |
| 6N5 (L2)                                  | Demonstrate an understanding of equivalent ratios                            | fewer                   | 46.6                       | 48.4                         |
| 6N6 (L1)                                  | Demonstrate an understanding of percent as ratio                             | students                | 50.2                       | 50.0                         |
| 6N6 (L3)                                  | Demonstrate an understanding of percent as ratio                             | withheld for reasons of | 84.4                       | 84.1                         |
| 6N3 (L2)                                  | Distinguish between prime and composite numbers                              | confidentiality         | 52.9                       | 54.8                         |
| 6N3 (L2)                                  | Determine factors of a given number  |                         | 64.7                       | 66.3                         |
| 6N4 (L1)                                  | Place an improper fraction on a number line                                  |                         | 36.8                       | 38.2                         |
| 6N7 (L3)                                  | Select integer that best fits description                                    |                         | 72.3                       | 71.9                         |
| Number Operations                         |  |                         |                            |                              |
| 6N8 (L2)                                  | Compute products of whole numbers and decimals                               |                         | 81.9                       | 83.1                         |
| 6N2, 6N8 (L2)                             | Compute quotients of whole numbers and decimals                              |                         | 63.5                       | 64.5                         |
| 6N8 (L3)                                  | Place decimal in correct position in a product of whole numbers and decimals |                         | 83.0                       | 83.8                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves division of decimals                           |                         | 70.8                       | 71.0                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves multiplication of decimals                     |                         | 64.0                       | 64.1                         |
| 6N2 (L2)                                  | Estimate the solution to a subtraction problem                               |                         | 53.6                       | 53.4                         |
| 6N2 (L3)                                  | Determine number expression represented by base ten blocks                   |                         | 55.7                       | 56.7                         |
| 6N9 (L3)                                  | Apply the order of operations to solve a problem                             |                         | 48.9                       | 50.1                         |
| 6N9 (L2)                                  | Apply the order of operations to solve a problem                             |                         | 48.4                       | 49.7                         |
| Patterns and Relations                    |  |                         |                            |                              |
| 6PR1 (L2)                                 | Identify the value of an unknown term in a table of values                   |                         | 84.0                       | 84.2                         |
| 6PR1 (L3)                                 | Identify an error in a given table of values                                 |                         | 87.9                       | 87.9                         |
| 6PR1, 6PR3 (L2)                           | Write a mathematical expression for a situation                              |                         | 23.3                       | 24.4                         |
| 6PR3 (L2)                                 | Represent a pattern rule using a simple mathematical expression              |                         | 51.2                       | 53.5                         |
| 6PR3 (L2)                                 | Extend a pattern that is shown on a line graph                               |                         | 76.2                       | 75.9                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given equation                      |                         | 50.0                       | 50.3                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given model                         |                         | 28.4                       | 28.9                         |
| 6PR1, 6PR2 (L2)<br><u>Shape and Space</u> | Determine a mathematical expression for a situation and a table of values    |                         | 29.4                       | 31.9                         |
| 6SS1 (L1)                                 | Classify a given angle according to its measure                              |                         | 82.1                       | 82.5                         |
| 6SS1 (L1)                                 | Estimate the measure of an angle   |                         | 85.8                       | 85.9                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a triangle is 180°                 |                         | 72.0                       | 72.7                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a quadrilateral is 360°            |                         | 74.5                       | 74.4                         |
| 6SS3 (L2)                                 | Find the perimeter and area of a given polygon                               | 75.0                    | 58.4                       | 59.2                         |
| 6SS3 (L1)                                 | Find the volume of a given rectangular prism                                 | 75.0                    | 41.8                       | 43.1                         |
| 6SS4 (L1)                                 | Identify a given triangle according to its angle measures                    | 25.0                    | 62.2                       | 63.5                         |
| 6SS5 (L2)                                 | Sort a given set of polygons according to given attributes                   | 100.0                   | 56.3                       | 57.4                         |
| 6SS4, 6SS5 (L1)                           | Identify congruent triangles   | 75.0                    | 75.1                       | 77.1                         |
| 6SS8 (L1)                                 | Identify the coordinates of two given points on a Cartesian plane            | 75.0                    | 67.4                       | 68.9                         |
| 6SS6 (L1)                                 | Describe the combined transformations performed on a 2-D shape               | 75.0                    | 73.7                       | 74.4                         |
| 6SS9 (L1)                                 | Describe the single transformation performed on a 2-D shape                  | 100.0                   | 79.5                       | 80.4                         |
| 6SS7 (L2)                                 | Identify the successive transformations performed to create a design         | 75.0                    | 64.7                       | 66.2                         |
|   |  | 73.0                    | 07.7                       | 00.2                         |



(Item Analysis: % of content answered correctly)

#### NLESD - Eastern Region

School #: 431 Southwest Arm Academy, Little Heart's Ease

Grades: K-12

| Outcome(s)                          |  | School       | Region    | Province     |
|-------------------------------------|--|--------------|-----------|--------------|
| Cognitive Level                     | Outcome Description  | [N=10]       | [N=2,877] | [N=4,875]    |
| Number Concepts                     |  |              |           |              |
| 6N1 (L1)                            | Identify the value of a digit in a given number  | 80.0         | 67.5      | 68.2         |
| 6N1 (L2)                            | Demonstrate an understanding of place value through base ten representations                         | 70.0         | 37.4      | 38.1         |
| 6N5 (L1)                            | Write and interpret ratios comparing part-to-whole   | 70.0         | 59.6      | 59.7         |
| 6N5 (L2)                            | Demonstrate an understanding of equivalent ratios  | 70.0         | 46.6      | 48.4         |
| 6N6 (L1)                            | Demonstrate an understanding of percent as ratio   | 50.0         | 50.2      | 50.0         |
| 6N6 (L3)                            | Demonstrate an understanding of percent as ratio   | 80.0         | 84.4      | 84.1         |
| 6N3 (L2)                            | Distinguish between prime and composite numbers  | 70.0         | 52.9      | 54.8         |
| 6N3 (L2)                            | Determine factors of a given number  | 70.0         | 64.7      | 66.3         |
| 6N4 (L1)                            | Place an improper fraction on a number line  | 50.0         | 36.8      | 38.2         |
| 6N7 (L3)                            | Select integer that best fits description  | 50.0         | 72.3      | 71.9         |
| Number Operations                   |  |              |           |              |
| 6N8 (L2)                            | Compute products of whole numbers and decimals   | 00.0         | 81.9      | 00.4         |
| 6N2, 6N8 (L2)                       | Compute quotients of whole numbers and decimals  | 90.0         | 63.5      | 83.1<br>64.5 |
| 6N8 (L3)                            | Place decimal in correct position in a product of whole numbers and decimals                         | 80.0         | 83.0      | 83.8         |
| 6N2, 6N8 (L2)                       | Solve a problem that involves division of decimals   | 70.0         | 70.8      | 71.0         |
| 6N2, 6N8 (L2)                       | ·  | 70.0         | 64.0      | 64.1         |
|                                     | Solve a problem that involves multiplication of decimals   | 40.0         | 53.6      | 53.4         |
| 6N2 (L2)                            | Estimate the solution to a subtraction problem   |              |           |              |
| 6N2 (L3)                            | Determine number expression represented by base ten blocks   | 50.0         | 55.7      | 56.7         |
| 6N9 (L3)<br>6N9 (L2)                | Apply the order of operations to solve a problem<br>Apply the order of operations to solve a problem | 50.0<br>60.0 | 48.9      | 50.1<br>49.7 |
| Patterns and Relations<br>6PR1 (L2) | Identify the value of an unknown term in a table of values   | 80.0         | 84.0      | 84.2         |
| 6PR1 (L3)                           | Identify an error in a given table of values   | 100.0        | 87.9      | 87.9         |
| 6PR1, 6PR3 (L2)                     | Write a mathematical expression for a situation  | 50.0         | 23.3      | 24.4         |
| 6PR3 (L2)                           | Represent a pattern rule using a simple mathematical expression                                      | 40.0         | 51.2      | 53.5         |
| 6PR3 (L2)                           | Extend a pattern that is shown on a line graph   | 70.0         | 76.2      | 75.9         |
| 6PR4 (L2)                           | Identifying an equivalent equation for a given equation  | 50.0         | 50.0      | 50.3         |
| 6PR4 (L2)                           | Identifying an equivalent equation for a given model   | 60.0         | 28.4      | 28.9         |
| 6PR1, 6PR2 (L2)                     | Determine a mathematical expression for a situation and a table of values                            | 40.0         | 29.4      | 31.9         |
| Shape and Space                     |  |              |           |              |
| 6SS1 (L1)                           | Classify a given angle according to its measure  | 90.0         | 82.1      | 82.5         |
| 6SS1 (L1)                           | Estimate the measure of an angle   | 90.0         | 85.8      | 85.9         |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a triangle is 180°   | 70.0         | 72.0      | 72.7         |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a quadrilateral is 360°                                    | 80.0         | 74.5      | 74.4         |
| 6SS3 (L2)                           | Find the perimeter and area of a given polygon   | 70.0         | 58.4      | 59.2         |
| 6SS3 (L1)                           | Find the volume of a given rectangular prism   | 40.0         | 41.8      | 43.1         |
| 6SS4 (L1)                           | Identify a given triangle according to its angle measures  | 90.0         | 62.2      | 63.5         |
| 6SS5 (L2)                           | Sort a given set of polygons according to given attributes   | 60.0         | 56.3      | 57.4         |
| 6SS4, 6SS5 (L1)                     | Identify congruent triangles   | 90.0         | 75.1      | 77.1         |
| 6SS8 (L1)                           | Identify the coordinates of two given points on a Cartesian plane                                    | 60.0         | 67.4      | 68.9         |
| 6SS6 (L1)                           | Describe the combined transformations performed on a 2-D shape                                       | 90.0         | 73.7      | 74.4         |
| 6SS9 (L1)                           | Describe the single transformation performed on a 2-D shape  | 90.0         | 79.5      | 80.4         |
| 6SS7 (L2)                           | Identify the successive transformations performed to create a design                                 | 80.0         | 64.7      | 66.2         |
|                                     |  |              | 1         |              |

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Source: Division of Evaluation and Research, Department of Education and Early Childhood Development



(Item Analysis: % of content answered correctly)

#### NLESD - Eastern Region

### School #: 433 Tricon Elementary, Bay de Verde

Grades: K-6

| Outcome(s)<br>Cognitive Level             | Outcome Description  | School<br>[N=13] | <b>Region</b><br>[N=2,877] | <b>Province</b><br>[N=4,875] |
|---|--|------------------|----------------------------|------------------------------|
| Number Concepts                           |  |                  |                            |                              |
| 6N1 (L1)                                  | Identify the value of a digit in a given number                              | 84.6             | 67.5                       | 68.2                         |
| 6N1 (L2)                                  | Demonstrate an understanding of place value through base ten representations | 23.1             | 37.4                       | 38.1                         |
| 6N5 (L1)                                  | Write and interpret ratios comparing part-to-whole                           | 69.2             | 59.6                       | 59.7                         |
| 6N5 (L2)                                  | Demonstrate an understanding of equivalent ratios                            | 69.2             | 46.6                       | 48.4                         |
| 6N6 (L1)                                  | Demonstrate an understanding of percent as ratio                             | 61.5             | 50.2                       | 50.0                         |
| 6N6 (L3)                                  | Demonstrate an understanding of percent as ratio                             | 92.3             | 84.4                       | 84.1                         |
| 6N3 (L2)                                  | Distinguish between prime and composite numbers                              | 84.6             | 52.9                       | 54.8                         |
| 6N3 (L2)                                  | Determine factors of a given number  | 76.9             | 64.7                       | 66.3                         |
| 6N4 (L1)                                  | Place an improper fraction on a number line                                  | 46.2             | 36.8                       | 38.2                         |
| 6N7 (L3)                                  | Select integer that best fits description                                    | 84.6             | 72.3                       | 71.9                         |
| Number Operations                         |  |                  |                            |                              |
| 6N8 (L2)                                  | Compute products of whole numbers and decimals                               | 84.6             | 81.9                       | 83.1                         |
| 6N2, 6N8 (L2)                             | Compute quotients of whole numbers and decimals                              | 92.3             | 63.5                       | 64.5                         |
| 6N8 (L3)                                  | Place decimal in correct position in a product of whole numbers and decimals | 92.3             | 83.0                       | 83.8                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves division of decimals                           | 84.6             | 70.8                       | 71.0                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves multiplication of decimals                     | 53.9             | 64.0                       | 64.1                         |
| 6N2 (L2)                                  | Estimate the solution to a subtraction problem                               | 61.5             | 53.6                       | 53.4                         |
| 6N2 (L3)                                  | Determine number expression represented by base ten blocks                   | 53.9             | 55.7                       | 56.7                         |
| 6N9 (L3)                                  | Apply the order of operations to solve a problem                             | 53.9             | 48.9                       | 50.1                         |
| 6N9 (L2)                                  | Apply the order of operations to solve a problem                             | 84.6             | 48.4                       | 49.7                         |
| Patterns and Relations<br>6PR1 (L2)       | Identify the value of an unknown term in a table of values                   | 92.3             | 84.0                       | 84.2                         |
| 6PR1 (L3)                                 | Identify an error in a given table of values                                 | 100.0            | 87.9                       | 87.9                         |
| 6PR1, 6PR3 (L2)                           | Write a mathematical expression for a situation                              | 61.5             | 23.3                       | 24.4                         |
| 6PR3 (L2)                                 | Represent a pattern rule using a simple mathematical expression              | 61.5             | 51.2                       | 53.5                         |
| 6PR3 (L2)                                 | Extend a pattern that is shown on a line graph                               | 61.5             | 76.2                       | 75.9                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given equation                      | 61.5             | 50.0                       | 50.3                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given model                         | 46.2             | 28.4                       | 28.9                         |
| 6PR1, 6PR2 (L2)<br><u>Shape and Space</u> | Determine a mathematical expression for a situation and a table of values    | 46.2             | 29.4                       | 31.9                         |
| 6SS1 (L1)                                 | Classify a given angle according to its measure                              | 100.0            | 82.1                       | 82.5                         |
| 6SS1 (L1)                                 | Estimate the measure of an angle   | 69.2             | 85.8                       | 85.9                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a triangle is 180°                 | 100.0            | 72.0                       | 72.7                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a quadrilateral is 360°            | 76.9             | 74.5                       | 74.4                         |
| 6SS3 (L2)                                 | Find the perimeter and area of a given polygon                               | 69.2             | 58.4                       | 59.2                         |
| 6SS3 (L1)                                 | Find the volume of a given rectangular prism                                 | 38.5             | 41.8                       | 43.1                         |
| 6SS4 (L1)                                 | Identify a given triangle according to its angle measures                    | 53.9             | 62.2                       | 63.5                         |
| 6SS5 (L2)                                 | Sort a given set of polygons according to given attributes                   | 38.5             | 56.3                       | 57.4                         |
| 6SS4, 6SS5 (L1)                           | Identify congruent triangles   | 84.6             | 75.1                       | 77.1                         |
| 6SS8 (L1)                                 | Identify the coordinates of two given points on a Cartesian plane            | 92.3             | 67.4                       | 68.9                         |
| 6SS6 (L1)                                 | Describe the combined transformations performed on a 2-D shape               | 76.9             | 73.7                       | 74.4                         |
| 6SS9 (L1)                                 | Describe the single transformation performed on a 2-D shape                  | 84.6             | 79.5                       | 80.4                         |
| 6SS7 (L2)                                 | Identify the successive transformations performed to create a design         | 76.9             | 64.7                       | 66.2                         |
|   |  | 10.9             | 04.7                       | 00.2                         |



(Item Analysis: % of content answered correctly)

NLESD - Eastern Region

### School #: 435 St. Anne's Academy, Dunville

| Grades: | K-6 |
|---------|-----|
|         |     |

| Cognitive Level   | Outcome Description  | <b>School</b><br>[N=25]   | <b>Region</b><br>[N=2,877]   | <b>Province</b><br>[N=4,875]   |
|---|--|---|--|--|
| Number Concepts   | · · · · ·  |   |  |  |
| 6N1 (L1)  | Identify the value of a digit in a given number  | 69.6  | 67.5   | 68.2   |
| 6N1 (L2)  | Demonstrate an understanding of place value through base ten representations   | 39.1  | 37.4   | 38.1   |
| 6N5 (L1)  | Write and interpret ratios comparing part-to-whole   | 73.9  | 59.6   | 59.7   |
| 6N5 (L2)  | Demonstrate an understanding of equivalent ratios  | 52.2  | 46.6   | 48.4   |
| 6N6 (L1)  | Demonstrate an understanding of percent as ratio   | 65.2  | 50.2   | 50.0   |
| 6N6 (L3)  | Demonstrate an understanding of percent as ratio   | 82.6  | 84.4   | 84.1   |
| 6N3 (L2)  | Distinguish between prime and composite numbers  | 73.9  | 52.9   | 54.8   |
| 6N3 (L2)  | Determine factors of a given number  | 60.9  | 64.7   | 66.3   |
| 6N4 (L1)  | Place an improper fraction on a number line  | 56.5  | 36.8   | 38.2   |
| 6N7 (L3)  | Select integer that best fits description  | 65.2  | 72.3   | 71.9   |
| Number Operations   |  |   |  |  |
| 6N8 (L2)  | Compute products of whole numbers and decimals   |   |  |  |
|   |  | 96.0  | 81.9   | 83.1   |
| 6N2, 6N8 (L2)   | Compute quotients of whole numbers and decimals  | 72.0  | 63.5   | 64.5   |
| 6N8 (L3)  | Place decimal in correct position in a product of whole numbers and decimals   | 92.0  | 83.0   | 83.8   |
| 6N2, 6N8 (L2)   | Solve a problem that involves division of decimals   | 80.0  | 70.8   | 71.0   |
| 6N2, 6N8 (L2)   | Solve a problem that involves multiplication of decimals   | 64.0  | 64.0   | 64.1   |
| 6N2 (L2)  | Estimate the solution to a subtraction problem   | 52.0  | 53.6   | 53.4   |
| 6N2 (L3)  | Determine number expression represented by base ten blocks   | 36.0  | 55.7   | 56.7   |
| 6N9 (L3)<br>6N9 (L2)  | Apply the order of operations to solve a problem   | 44.0  | 48.9   | 50.1   |
| Patterns and Relations<br>6PR1 (L2)   | Identify the value of an unknown term in a table of values   | 88.0  | 84.0   | 84.2   |
| 6PR1 (L3)   | Identify an error in a given table of values   | 92.0  | 87.9   | 87.9   |
| 6PR1, 6PR3 (L2)   | Write a mathematical expression for a situation  | 28.0  | 23.3   | 24.4   |
| 6PR3 (L2)   | Represent a pattern rule using a simple mathematical expression  | 60.0  | 51.2   |  |
| 6PR3 (L2)   |  | 00.0  | 01.2   | 53.5   |
| 6PR4 (L2)   | Extend a pattern that is shown on a line graph   | 64.0  | 76.2   | 53.5<br>75.9   |
|   | Extend a pattern that is shown on a line graph<br>Identifying an equivalent equation for a given equation  | 64.0<br>56.0  | 76.2<br>50.0   | 53.5<br>75.9<br>50.3   |
| 6PR4 (L2)   | Extend a pattern that is shown on a line graph<br>Identifying an equivalent equation for a given equation<br>Identifying an equivalent equation for a given model  |   |  | 75.9   |
| 6PR1, 6PR2 (L2)   | Identifying an equivalent equation for a given equation  | 56.0  | 50.0   | 75.9<br>50.3   |
| . ,   | Identifying an equivalent equation for a given equation<br>Identifying an equivalent equation for a given model  | 56.0<br>36.0  | 50.0<br>28.4   | 75.9<br>50.3<br>28.9   |
| 6PR1, 6PR2 (L2)<br><u>Shape and Space</u><br>6SS1 (L1)  | Identifying an equivalent equation for a given equation<br>Identifying an equivalent equation for a given model  | 56.0<br>36.0  | 50.0<br>28.4   | 75.9<br>50.3<br>28.9   |
| 6PR1, 6PR2 (L2)<br>Shape and Space  | Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle  | 56.0<br>36.0<br>52.0  | 50.0<br>28.4<br>29.4   | 75.9<br>50.3<br>28.9<br>31.9   |
| 6PR1, 6PR2 (L2)<br>Shape and Space<br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)   | Identifying an equivalent equation for a given equation<br>Identifying an equivalent equation for a given model<br>Determine a mathematical expression for a situation and a table of values<br>Classify a given angle according to its measure  | 56.0<br>36.0<br>52.0<br>92.0  | 50.0<br>28.4<br>29.4<br>82.1   | 75.9<br>50.3<br>28.9<br>31.9<br>82.5   |
| 6PR1, 6PR2 (L2)<br>Shape and Space<br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS2 (L2)  | Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle  | 56.0<br>36.0<br>52.0<br>92.0<br>92.0  | 50.0<br>28.4<br>29.4<br>82.1<br>85.8   | 75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9   |
| 6PR1, 6PR2 (L2)<br>Shape and Space<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS2 (L2)<br>6SS3 (L2)  | Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon  | 56.0<br>36.0<br>52.0<br>92.0<br>92.0<br>88.0  | 50.0<br>28.4<br>29.4<br>82.1<br>85.8<br>72.0   | 75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7   |
| 6PR1, 6PR2 (L2)<br>Shape and Space<br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS2 (L2)  | Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism   | 56.0<br>36.0<br>52.0<br>92.0<br>92.0<br>92.0<br>88.0<br>80.0  | 50.0<br>28.4<br>29.4<br>82.1<br>85.8<br>72.0<br>74.5   | 75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4   |
| 6PR1, 6PR2 (L2)<br>Shape and Space<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS2 (L2)<br>6SS3 (L2)  | Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures   | 56.0<br>36.0<br>52.0<br>92.0<br>92.0<br>92.0<br>88.0<br>80.0<br>52.0  | 50.0<br>28.4<br>29.4<br>82.1<br>85.8<br>72.0<br>74.5<br>58.4   | 75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2   |
| 6PR1, 6PR2 (L2)<br>Shape and Space<br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L1)  | Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism   | 56.0<br>36.0<br>52.0<br>92.0<br>92.0<br>88.0<br>88.0<br>52.0<br>44.0  | 50.0<br>28.4<br>29.4<br>82.1<br>85.8<br>72.0<br>74.5<br>58.4<br>41.8                                 | 75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1                                 |
| 6PR1, 6PR2 (L2)<br>Shape and Space<br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L1)<br>6SS4 (L1)                                 | Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures   | 56.0<br>36.0<br>52.0<br>92.0<br>92.0<br>92.0<br>88.0<br>80.0<br>52.0<br>44.0<br>76.0  | 50.0<br>28.4<br>29.4<br>82.1<br>85.8<br>72.0<br>74.5<br>58.4<br>41.8<br>62.2                         | 75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1<br>63.5                         |
| 6PR1, 6PR2 (L2)<br>Shape and Space<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L1)<br>6SS4 (L1)<br>6SS5 (L2)                                 | Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Pemonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures         Sort a given set of polygons according to given attributes  | 56.0           36.0           52.0           92.0           92.0           88.0           80.0           52.0           44.0           76.0           56.0  | 50.0<br>28.4<br>29.4<br>82.1<br>85.8<br>72.0<br>74.5<br>58.4<br>41.8<br>62.2<br>56.3                 | 75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1<br>63.5<br>57.4                 |
| 6PR1, 6PR2 (L2)<br>Shape and Space<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L1)<br>6SS4 (L1)<br>6SS5 (L2)<br>6SS4, 6SS5 (L1)              | Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures         Sort a given set of polygons according to given attributes         Identify congruent triangles   | 56.0           36.0           52.0           92.0 | 50.0<br>28.4<br>29.4<br>82.1<br>85.8<br>72.0<br>74.5<br>58.4<br>41.8<br>62.2<br>56.3<br>75.1         | 75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1<br>63.5<br>57.4<br>77.1         |
| 6PR1, 6PR2 (L2)<br>Shape and Space<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L1)<br>6SS4 (L1)<br>6SS5 (L2)<br>6SS4, 6SS5 (L1)<br>6SS8 (L1) | Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to its angle measures         Sort a given set of polygons according to given attributes         Identify the coordinates of two given points on a Cartesian plane | 56.0           36.0           52.0           96.0  | 50.0<br>28.4<br>29.4<br>82.1<br>85.8<br>72.0<br>74.5<br>58.4<br>41.8<br>62.2<br>56.3<br>75.1<br>67.4 | 75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1<br>63.5<br>57.4<br>77.1<br>68.9 |



(Item Analysis: % of content answered correctly)

NLESD - Eastern Region

School #: 442 Persalvic Elementary, Victoria

Grades: K-8

| Outcome(s)<br>Cognitive Level      | Outcome Description  | School<br>[N=26] | <b>Region</b><br>[N=2,877] | <b>Province</b><br>[N=4,875] |
|------------------------------------|--|------------------|----------------------------|------------------------------|
| Number Concepts                    |  |                  |                            |                              |
| 6N1 (L1)                           | Identify the value of a digit in a given number                                  | 100.0            | 67.5                       | 68.2                         |
| 6N1 (L2)                           | Demonstrate an understanding of place value through base ten representations     | 57.7             | 37.4                       | 38.1                         |
| 6N5 (L1)                           | Write and interpret ratios comparing part-to-whole                               | 65.4             | 59.6                       | 59.7                         |
| 6N5 (L2)                           | Demonstrate an understanding of equivalent ratios                                | 65.4             | 46.6                       | 48.4                         |
| 6N6 (L1)                           | Demonstrate an understanding of percent as ratio                                 | 57.7             | 50.2                       | 50.0                         |
| 6N6 (L3)                           | Demonstrate an understanding of percent as ratio                                 | 96.2             | 84.4                       | 84.1                         |
| 6N3 (L2)                           | Distinguish between prime and composite numbers                                  | 57.7             | 52.9                       | 54.8                         |
| 6N3 (L2)                           | Determine factors of a given number  | 69.2             | 64.7                       | 66.3                         |
| 6N4 (L1)                           | Place an improper fraction on a number line                                      | 61.5             | 36.8                       | 38.2                         |
| 6N7 (L3)                           | Select integer that best fits description  | 80.8             | 72.3                       | 71.9                         |
| Number Operations                  |  |                  |                            |                              |
| 6N8 (L2)                           | Compute products of whole numbers and decimals                                   | 96.2             | 81.9                       | 83.1                         |
| 6N2, 6N8 (L2)                      | Compute quotients of whole numbers and decimals                                  | 80.8             | 63.5                       | 64.5                         |
| 6N8 (L3)                           | Place decimal in correct position in a product of whole numbers and decimals     | 88.5             | 83.0                       | 83.8                         |
| 6N2, 6N8 (L2)                      | Solve a problem that involves division of decimals                               | 76.9             | 70.8                       | 71.0                         |
| 6N2, 6N8 (L2)                      | Solve a problem that involves multiplication of decimals                         | 61.5             | 64.0                       | 64.1                         |
| 6N2 (L2)                           | Estimate the solution to a subtraction problem                                   | 53.9             | 53.6                       | 53.4                         |
| 6N2 (L3)                           | Determine number expression represented by base ten blocks                       | 65.4             | 55.7                       | 56.7                         |
| 6N9 (L3)                           | Apply the order of operations to solve a problem                                 | 46.2             | 48.9                       | 50.1                         |
| 6N9 (L2)                           | Apply the order of operations to solve a problem                                 | 76.9             | 48.4                       | 49.7                         |
| Patterns and Relations             |  |                  |                            |                              |
| 6PR1 (L2)                          | Identify the value of an unknown term in a table of values                       | 96.2             | 84.0                       | 84.2                         |
| 6PR1 (L3)                          | Identify an error in a given table of values                                     | 92.3             | 87.9                       | 87.9                         |
| 6PR1, 6PR3 (L2)                    | Write a mathematical expression for a situation                                  | 53.9             | 23.3                       | 24.4                         |
| 6PR3 (L2)                          | Represent a pattern rule using a simple mathematical expression                  | 73.1             | 51.2                       | 53.5                         |
| 6PR3 (L2)                          | Extend a pattern that is shown on a line graph                                   | 92.3             | 76.2                       | 75.9                         |
| 6PR4 (L2)                          | Identifying an equivalent equation for a given equation                          | 42.3             | 50.0                       | 50.3                         |
| 6PR4 (L2)                          | Identifying an equivalent equation for a given model                             | 30.8             | 28.4                       | 28.9                         |
| 6PR1, 6PR2 (L2)<br>Shape and Space | Determine a mathematical expression for a situation and a table of values        | 30.8             | 29.4                       | 31.9                         |
| 6SS1 (L1)                          | Classify a given and a according to its measure                                  | 92.3             | 82.1                       | 82.5                         |
| 6SS1 (L1)                          | Classify a given angle according to its measure Estimate the measure of an angle | 88.5             | 85.8                       | 85.9                         |
| 6SS2 (L2)                          | Demonstrate the sum of interior angles of a triangle is 180°                     |                  |                            |                              |
| 6SS2 (L2)                          | Demonstrate the sum of interior angles of a quadrilateral is 360°                | 88.5             | 72.0                       | 72.7<br>74.4                 |
| 6SS3 (L2)                          | Find the perimeter and area of a given polygon                                   | 65.4             | 58.4                       | 59.2                         |
| 6SS3 (L1)                          | Find the volume of a given rectangular prism                                     | 34.6             | 41.8                       | 43.1                         |
| 6SS4 (L1)                          | Identify a given triangle according to its angle measures                        | 65.4             | 62.2                       | 63.5                         |
| 6SS5 (L2)                          | Sort a given set of polygons according to given attributes                       | 76.9             | 56.3                       | 57.4                         |
|                                    | Identify congruent triangles   | 53.9             | 75.1                       | 77.1                         |
| 6SS4, 6SS5 (L1)<br>6SS8 (L1)       | Identify the coordinates of two given points on a Cartesian plane                | 76.9             | 67.4                       | 68.9                         |
|                                    | Describe the combined transformations performed on a 2-D shape                   | 84.6             | 73.7                       | 74.4                         |
| 6SS6 (L1)<br>6SS9 (L1)             | Describe the combined transformation performed on a 2-D shape                    |                  |                            |                              |
|                                    |  | 88.5             | 79.5                       | 80.4                         |
| 6SS7 (L2)                          | Identify the successive transformations performed to create a design             | 65.4             | 64.7                       | 66.2                         |

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(Item Analysis: % of content answered correctly)

#### NLESD - Eastern Region

School #: 444 Cabot Academy, Western Bay Grades: K-6

| Outcome(s)<br>Cognitive Level             | Outcome Description  | School<br>[N=10] | <b>Region</b><br>[N=2,877] | <b>Province</b><br>[N=4,875] |
|---|--|------------------|----------------------------|------------------------------|
| Number Concepts                           |  |                  |                            |                              |
| 6N1 (L1)                                  | Identify the value of a digit in a given number                              | 80.0             | 67.5                       | 68.2                         |
| 6N1 (L2)                                  | Demonstrate an understanding of place value through base ten representations | 90.0             | 37.4                       | 38.1                         |
| 6N5 (L1)                                  | Write and interpret ratios comparing part-to-whole                           | 70.0             | 59.6                       | 59.7                         |
| 6N5 (L2)                                  | Demonstrate an understanding of equivalent ratios                            | 70.0             | 46.6                       | 48.4                         |
| 6N6 (L1)                                  | Demonstrate an understanding of percent as ratio                             | 80.0             | 50.2                       | 50.0                         |
| 6N6 (L3)                                  | Demonstrate an understanding of percent as ratio                             | 100.0            | 84.4                       | 84.1                         |
| 6N3 (L2)                                  | Distinguish between prime and composite numbers                              | 100.0            | 52.9                       | 54.8                         |
| 6N3 (L2)                                  | Determine factors of a given number  | 100.0            | 64.7                       | 66.3                         |
| 6N4 (L1)                                  | Place an improper fraction on a number line                                  | 80.0             | 36.8                       | 38.2                         |
| 6N7 (L3)                                  | Select integer that best fits description                                    | 90.0             | 72.3                       | 71.9                         |
| Number Operations                         |  |                  |                            |                              |
| 6N8 (L2)                                  | Compute products of whole numbers and decimals                               | 88.9             | 81.9                       | 83.1                         |
| 6N2, 6N8 (L2)                             | Compute quotients of whole numbers and decimals                              | 77.8             | 63.5                       | 64.5                         |
| 6N8 (L3)                                  | Place decimal in correct position in a product of whole numbers and decimals | 88.9             | 83.0                       | 83.8                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves division of decimals                           | 77.8             | 70.8                       | 71.0                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves multiplication of decimals                     | 88.9             | 64.0                       | 64.1                         |
| 6N2 (L2)                                  | Estimate the solution to a subtraction problem                               | 88.9             | 53.6                       | 53.4                         |
| 6N2 (L3)                                  | Determine number expression represented by base ten blocks                   | 77.8             | 55.7                       | 56.7                         |
| 6N9 (L3)                                  | Apply the order of operations to solve a problem                             | 44.4             | 48.9                       | 50.1                         |
| 6N9 (L2)                                  | Apply the order of operations to solve a problem                             | 77.8             | 48.4                       | 49.7                         |
| Patterns and Relations                    |  |                  |                            |                              |
| 6PR1 (L2)                                 | Identify the value of an unknown term in a table of values                   | 100.0            | 84.0                       | 84.2                         |
| 6PR1 (L3)                                 | Identify an error in a given table of values                                 | 100.0            | 87.9                       | 87.9                         |
| 6PR1, 6PR3 (L2)                           | Write a mathematical expression for a situation                              | 44.4             | 23.3                       | 24.4                         |
| 6PR3 (L2)                                 | Represent a pattern rule using a simple mathematical expression              | 66.7             | 51.2                       | 53.5                         |
| 6PR3 (L2)                                 | Extend a pattern that is shown on a line graph                               | 100.0            | 76.2                       | 75.9                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given equation                      | 66.7             | 50.0                       | 50.3                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given model                         | 33.3             | 28.4                       | 28.9                         |
| 6PR1, 6PR2 (L2)<br><u>Shape and Space</u> | Determine a mathematical expression for a situation and a table of values    | 55.6             | 29.4                       | 31.9                         |
| 6SS1 (L1)                                 | Classify a given angle according to its measure                              | 100.0            | 82.1                       | 82.5                         |
| 6SS1 (L1)                                 | Estimate the measure of an angle   | 100.0            | 85.8                       | 85.9                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a triangle is 180°                 | 100.0            | 72.0                       | 72.7                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a quadrilateral is 360°            | 100.0            | 74.5                       | 74.4                         |
| 6SS3 (L2)                                 | Find the perimeter and area of a given polygon                               | 77.8             | 58.4                       | 59.2                         |
| 6SS3 (L1)                                 | Find the volume of a given rectangular prism                                 | 77.8             | 41.8                       | 43.1                         |
| 6SS4 (L1)                                 | Identify a given triangle according to its angle measures                    | 100.0            | 62.2                       | 63.5                         |
| 6SS5 (L2)                                 | Sort a given set of polygons according to given attributes                   | 77.8             | 56.3                       | 57.4                         |
| 6SS4, 6SS5 (L1)                           | Identify congruent triangles   | 100.0            | 75.1                       | 77.1                         |
| 6SS8 (L1)                                 | Identify the coordinates of two given points on a Cartesian plane            | 77.8             | 67.4                       | 68.9                         |
| 6SS6 (L1)                                 | Describe the combined transformations performed on a 2-D shape               | 77.8             | 73.7                       | 74.4                         |
| 6SS9 (L1)                                 | Describe the single transformation performed on a 2-D shape                  | 100.0            | 79.5                       | 80.4                         |
|   | Identify the successive transformations performed to create a design         |                  |                            |                              |
| 6SS7 (L2)                                 | · · · ·  | 66.7             | 64.7                       | 66.2                         |



(Item Analysis: % of content answered correctly)

#### NLESD - Eastern Region

School #: 446 Whitbourne Elementary, Whitbourne

Grades: K-6

| Outcome(s)                          |  | School              | Region       | Province     |
|-------------------------------------|--|---------------------|--------------|--------------|
| Cognitive Level                     | Outcome Description  | [N=11]              | [N=2,877]    | [N=4,875]    |
| Number Concepts                     |  |                     |              |              |
| 6N1 (L1)                            | Identify the value of a digit in a given number  | 63.6                | 67.5         | 68.2         |
| 6N1 (L2)                            | Demonstrate an understanding of place value through base ten representations                                 | 36.4                | 37.4         | 38.1         |
| 6N5 (L1)                            | Write and interpret ratios comparing part-to-whole   | 45.5                | 59.6         | 59.7         |
| 6N5 (L2)                            | Demonstrate an understanding of equivalent ratios  | 27.3                | 46.6         | 48.4         |
| 6N6 (L1)                            | Demonstrate an understanding of percent as ratio   | 63.6                | 50.2         | 50.0         |
| 6N6 (L3)                            | Demonstrate an understanding of percent as ratio   | 72.7                | 84.4         | 84.1         |
| 6N3 (L2)                            | Distinguish between prime and composite numbers  | 45.5                | 52.9         | 54.8         |
| 6N3 (L2)                            | Determine factors of a given number  | 63.6                | 64.7         | 66.3         |
| 6N4 (L1)                            | Place an improper fraction on a number line  | 0.0                 | 36.8         | 38.2         |
| 6N7 (L3)                            | Select integer that best fits description  | 63.6                | 72.3         | 71.9         |
| Number Operations                   |  |                     |              |              |
| 6N8 (L2)                            | Compute products of whole numbers and decimals   | 01.0                | 81.9         | 02.1         |
| 6N2, 6N8 (L2)                       | Compute quotients of whole numbers and decimals  | <u>81.8</u><br>45.5 | 63.5         | 83.1<br>64.5 |
| 6N8 (L3)                            | Place decimal in correct position in a product of whole numbers and decimals                                 | 100.0               | 83.0         | 83.8         |
| 6N2, 6N8 (L2)                       | Solve a problem that involves division of decimals   | 72.7                | 70.8         | 71.0         |
| 6N2, 6N8 (L2)                       | Solve a problem that involves multiplication of decimals   | 72.7                | 64.0         | 64.1         |
| 6N2 (L2)                            | Estimate the solution to a subtraction problem   | 36.4                | 53.6         | 53.4         |
|                                     | ·  | 36.4                | 55.7         | 56.7         |
| 6N2 (L3)<br>6N9 (L3)                | Determine number expression represented by base ten blocks   | 72.7                | 48.9         | 50.1         |
| 6N9 (L2)                            | Apply the order of operations to solve a problem<br>Apply the order of operations to solve a problem         | 63.6                | 48.4         | 49.7         |
| Patterns and Relations<br>6PR1 (L2) | Identify the value of an unknown term in a table of values   | 81.8                | 84.0         | 84.2         |
| 6PR1 (L3)                           | Identify an error in a given table of values   | 72.7                | 87.9         | 87.9         |
|                                     |  |                     |              |              |
| 6PR1, 6PR3 (L2)                     | Write a mathematical expression for a situation  | 27.3                | 23.3         | 24.4         |
| 6PR3 (L2)                           | Represent a pattern rule using a simple mathematical expression  | 36.4                | 51.2         | 53.5         |
| 6PR3 (L2)<br>6PR4 (L2)              | Extend a pattern that is shown on a line graph   | 81.8<br>45.5        | 76.2<br>50.0 | 75.9<br>50.3 |
| 6PR4 (L2)                           | Identifying an equivalent equation for a given equation Identifying an equivalent equation for a given model | 27.3                | 28.4         | 28.9         |
| 6PR1, 6PR2 (L2)                     | Determine a mathematical expression for a situation and a table of values                                    | 9.1                 | 29.4         | 31.9         |
| Shape and Space                     |  |                     |              |              |
| 6SS1 (L1)                           | Classify a given angle according to its measure  | 72.7                | 82.1         | 82.5         |
| 6SS1 (L1)                           | Estimate the measure of an angle   | 63.6                | 85.8         | 85.9         |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a triangle is 180°   | 54.6                | 72.0         | 72.7         |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a quadrilateral is 360°  | 72.7                | 74.5         | 74.4         |
| 6SS3 (L2)                           | Find the perimeter and area of a given polygon   | 54.6                | 58.4         | 59.2         |
| 6SS3 (L1)                           | Find the volume of a given rectangular prism   | 45.5                | 41.8         | 43.1         |
| 6SS4 (L1)                           | Identify a given triangle according to its angle measures  | 54.6                | 62.2         | 63.5         |
| 6SS5 (L2)                           | Sort a given set of polygons according to given attributes   | 27.3                | 56.3         | 57.4         |
| 6SS4, 6SS5 (L1)                     | Identify congruent triangles   | 72.7                | 75.1         | 77.1         |
| 6SS8 (L1)                           | Identify the coordinates of two given points on a Cartesian plane  | 72.7                | 67.4         | 68.9         |
| 6SS6 (L1)                           | Describe the combined transformations performed on a 2-D shape   | 81.8                | 73.7         | 74.4         |
| 6SS9 (L1)                           | Describe the single transformation performed on a 2-D shape  | 100.0               | 79.5         | 80.4         |
| 6SS7 (L2)                           | Identify the successive transformations performed to create a design   | 63.6                | 64.7         | 66.2         |
| /                                   |  |                     |              |              |

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(Item Analysis: % of content answered correctly)

#### NLESD - Eastern Region

School #: 447 Baltimore School Complex, Ferryland

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| Outcome(s)<br>Cognitive Level       | Outcome Description  | <b>School</b><br>[N=16] | <b>Region</b><br>[N=2,877] | <b>Province</b><br>[N=4,875] |
|-------------------------------------|--|-------------------------|----------------------------|------------------------------|
| Number Concepts                     |  |                         |                            |                              |
| 6N1 (L1)                            | Identify the value of a digit in a given number  | 50.0                    | 67.5                       | 68.2                         |
| 6N1 (L2)                            | Demonstrate an understanding of place value through base ten representations                         | 37.5                    | 37.4                       | 38.1                         |
| 6N5 (L1)                            | Write and interpret ratios comparing part-to-whole   | 62.5                    | 59.6                       | 59.7                         |
| 6N5 (L2)                            | Demonstrate an understanding of equivalent ratios  | 56.3                    | 46.6                       | 48.4                         |
| 6N6 (L1)                            | Demonstrate an understanding of percent as ratio   | 43.8                    | 50.2                       | 50.0                         |
| 6N6 (L3)                            | Demonstrate an understanding of percent as ratio   | 93.8                    | 84.4                       | 84.1                         |
| 6N3 (L2)                            | Distinguish between prime and composite numbers  | 68.8                    | 52.9                       | 54.8                         |
| 6N3 (L2)                            | Determine factors of a given number  | 93.8                    | 64.7                       | 66.3                         |
| 6N4 (L1)                            | Place an improper fraction on a number line  | 25.0                    | 36.8                       | 38.2                         |
| 6N7 (L3)                            | Select integer that best fits description  | 81.3                    | 72.3                       | 71.9                         |
| Number Operations                   |  |                         |                            |                              |
| 6N8 (L2)                            | Compute products of whole numbers and decimals   | 85.7                    | 81.9                       | 83.1                         |
| 6N2, 6N8 (L2)                       | Compute quotients of whole numbers and decimals  | 64.3                    | 63.5                       | 64.5                         |
| 6N8 (L3)                            | Place decimal in correct position in a product of whole numbers and decimals                         | 100.0                   | 83.0                       | 83.8                         |
| 6N2, 6N8 (L2)                       | Solve a problem that involves division of decimals   | 78.6                    | 70.8                       | 71.0                         |
| 6N2, 6N8 (L2)                       | Solve a problem that involves multiplication of decimals   | 71.4                    | 64.0                       | 64.1                         |
| 6N2 (L2)                            | Estimate the solution to a subtraction problem   | 50.0                    | 53.6                       | 53.4                         |
|                                     | •  | 35.7                    | 55.7                       | 56.7                         |
| 6N2 (L3)<br>6N9 (L3)                | Determine number expression represented by base ten blocks   | 35.7                    | 48.9                       | 50.1                         |
| 6N9 (L2)                            | Apply the order of operations to solve a problem<br>Apply the order of operations to solve a problem | 50.0                    | 48.4                       | 49.7                         |
| Patterns and Relations<br>6PR1 (L2) | Identify the value of an unknown term in a table of values   | 100.0                   | 84.0                       | 84.2                         |
| 6PR1 (L3)                           | Identify an error in a given table of values   | 100.0                   | 87.9                       | 87.9                         |
| 6PR1, 6PR3 (L2)                     | Write a mathematical expression for a situation  | 7.1                     | 23.3                       | 24.4                         |
| 6PR3 (L2)                           | Represent a pattern rule using a simple mathematical expression                                      | 28.6                    | 51.2                       | 53.5                         |
| 6PR3 (L2)                           | Extend a pattern that is shown on a line graph   | 71.4                    | 76.2                       | 75.9                         |
| 6PR4 (L2)                           | Identifying an equivalent equation for a given equation  | 50.0                    | 50.0                       | 50.3                         |
| 6PR4 (L2)                           | Identifying an equivalent equation for a given model   | 64.3                    | 28.4                       | 28.9                         |
| 6PR1, 6PR2 (L2)<br>Shape and Space  | Determine a mathematical expression for a situation and a table of values                            | 35.7                    | 29.4                       | 31.9                         |
| 6SS1 (L1)                           | Classify a given angle according to its measure  | 92.9                    | 82.1                       | 82.5                         |
| 6SS1 (L1)                           | Estimate the measure of an angle   | 85.7                    | 85.8                       | 85.9                         |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a triangle is 180°   | 71.4                    | 72.0                       | 72.7                         |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a quadrilateral is 360°                                    | 85.7                    | 74.5                       | 74.4                         |
| 6SS3 (L2)                           | Find the perimeter and area of a given polygon   | 64.3                    | 58.4                       | 59.2                         |
| 6SS3 (L1)                           | Find the volume of a given rectangular prism   | 57.1                    | 41.8                       | 43.1                         |
| 6SS4 (L1)                           | Identify a given triangle according to its angle measures  | 85.7                    | 62.2                       | 63.5                         |
| 6SS5 (L2)                           | Sort a given set of polygons according to given attributes   | 57.1                    | 56.3                       | 57.4                         |
| 6SS4, 6SS5 (L1)                     | Identify congruent triangles   | 92.9                    | 75.1                       | 77.1                         |
| 6SS8 (L1)                           | Identify the coordinates of two given points on a Cartesian plane                                    | 78.6                    | 67.4                       | 68.9                         |
| 6SS6 (L1)                           | Describe the combined transformations performed on a 2-D shape                                       | 100.0                   | 73.7                       | 74.4                         |
| 6SS9 (L1)                           | Describe the single transformation performed on a 2-D shape  | 92.9                    | 79.5                       | 80.4                         |
| 6SS7 (L2)                           | Identify the successive transformations performed to create a design                                 | 85.7                    | 64.7                       | 66.2                         |
|                                     |  | 00.7                    | 54.7                       | 00.2                         |

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Source: Division of Evaluation and Research, Department of Education and Early Childhood Development



(Item Analysis: % of content answered correctly)

#### NLESD - Eastern Region

School #: 468 Hazelwood Elementary, St. John's

Grades: K-6

| Outcome(s)             | Outcome Departmention  | School | <b>Region</b><br>[N=2,877] | <b>Province</b><br>[N=4,875] |
|------------------------|--|--------|----------------------------|------------------------------|
| Cognitive Level        | Outcome Description  | [N=78] | [N=2,077]                  | [11=4,073]                   |
| Number Concepts        |  |        |                            |                              |
| 6N1 (L1)               | Identify the value of a digit in a given number  | 52.0   | 67.5                       | 68.2                         |
| 6N1 (L2)               | Demonstrate an understanding of place value through base ten representations   | 12.0   | 37.4                       | 38.1                         |
| 6N5 (L1)               | Write and interpret ratios comparing part-to-whole   | 53.3   | 59.6                       | 59.7                         |
| 6N5 (L2)               | Demonstrate an understanding of equivalent ratios  | 22.7   | 46.6                       | 48.4                         |
| 6N6 (L1)               | Demonstrate an understanding of percent as ratio   | 26.7   | 50.2                       | 50.0                         |
| 6N6 (L3)               | Demonstrate an understanding of percent as ratio   | 77.3   | 84.4                       | 84.1                         |
| 6N3 (L2)               | Distinguish between prime and composite numbers  | 20.0   | 52.9                       | 54.8                         |
| 6N3 (L2)               | Determine factors of a given number  | 50.7   | 64.7                       | 66.3                         |
| 6N4 (L1)               | Place an improper fraction on a number line  | 10.7   | 36.8                       | 38.2                         |
| 6N7 (L3)               | Select integer that best fits description  | 62.7   | 72.3                       | 71.9                         |
| Number Operations      |  |        |                            |                              |
| 6N8 (L2)               | Compute products of whole numbers and decimals   | 62.7   | 81.9                       | 83.1                         |
| 6N2, 6N8 (L2)          | Compute quotients of whole numbers and decimals  | 45.3   | 63.5                       | 64.5                         |
| 6N8 (L3)               | Place decimal in correct position in a product of whole numbers and decimals   | 68.0   | 83.0                       | 83.8                         |
| 6N2, 6N8 (L2)          | Solve a problem that involves division of decimals   | 54.7   | 70.8                       | 71.0                         |
| 6N2, 6N8 (L2)          | Solve a problem that involves multiplication of decimals   | 54.7   | 64.0                       | 64.1                         |
| 6N2 (L2)               | Estimate the solution to a subtraction problem   | 40.0   | 53.6                       | 53.4                         |
| 6N2 (L3)               | Determine number expression represented by base ten blocks   | 38.7   | 55.7                       | 56.7                         |
| 6N9 (L3)               | Apply the order of operations to solve a problem   | 42.7   | 48.9                       | 50.1                         |
| 6N9 (L2)               | Apply the order of operations to solve a problem   | 26.7   | 48.4                       | 49.7                         |
| Patterns and Relations | Identify the value of an unknown term in a table of values   | 81.3   | 84.0                       | 84.2                         |
|                        |  |        | -                          |                              |
| 6PR1 (L3)              | Identify an error in a given table of values   | 85.3   | 87.9                       | 87.9                         |
| 6PR1, 6PR3 (L2)        | Write a mathematical expression for a situation  | 9.3    | 23.3                       | 24.4                         |
| 6PR3 (L2)              | Represent a pattern rule using a simple mathematical expression  | 29.3   | 51.2                       | 53.5                         |
| 6PR3 (L2)              | Extend a pattern that is shown on a line graph   | 58.7   | 76.2                       | 75.9                         |
| 6PR4 (L2)<br>6PR4 (L2) | Identifying an equivalent equation for a given equation  | 22.7   | 50.0<br>28.4               | 50.3<br>28.9                 |
| 6PR1, 6PR2 (L2)        | Identifying an equivalent equation for a given model Determine a mathematical expression for a situation and a table of values | 13.3   | 20.4                       | 31.9                         |
| Shape and Space        |  |        | 2011                       |                              |
| 6SS1 (L1)              | Classify a given angle according to its measure  | 78.4   | 82.1                       | 82.5                         |
| 6SS1 (L1)              | Estimate the measure of an angle   | 75.7   | 85.8                       | 85.9                         |
| 6SS2 (L2)              | Demonstrate the sum of interior angles of a triangle is 180°   | 60.8   | 72.0                       | 72.7                         |
| 6SS2 (L2)              | Demonstrate the sum of interior angles of a quadrilateral is 360°  | 60.8   | 74.5                       | 74.4                         |
| 6SS3 (L2)              | Find the perimeter and area of a given polygon   | 36.5   | 58.4                       | 59.2                         |
| 6SS3 (L1)              | Find the volume of a given rectangular prism   | 17.6   | 41.8                       | 43.1                         |
| 6SS4 (L1)              | Identify a given triangle according to its angle measures  | 50.0   | 62.2                       | 63.5                         |
| 6SS5 (L2)              | Sort a given set of polygons according to given attributes   | 43.2   | 56.3                       | 57.4                         |
| 6SS4, 6SS5 (L1)        | Identify congruent triangles   | 54.1   | 75.1                       | 77.1                         |
| 6SS8 (L1)              | Identify the coordinates of two given points on a Cartesian plane  | 50.0   | 67.4                       | 68.9                         |
| 6SS6 (L1)              | Describe the combined transformations performed on a 2-D shape   | 52.7   | 73.7                       | 74.4                         |
| 6SS9 (L1)              | Describe the single transformation performed on a 2-D shape  | 78.4   | 79.5                       | 80.4                         |
| 6SS7 (L2)              | Identify the successive transformations performed to create a design   | 48.7   | 64.7                       | 66.2                         |
|                        |  | +0.7   |                            | 00.2                         |

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Source: Division of Evaluation and Research, Department of Education and Early Childhood Development



(Item Analysis: % of content answered correctly)

#### NLESD - Eastern Region

School #: 473 Cape St. Francis Elementary, Pouch Cove

| Outcome(s)                          |  | School | Region    | Province     |
|-------------------------------------|--|--------|-----------|--------------|
| Cognitive Level                     | Outcome Description  | [N=44] | [N=2,877] | [N=4,875]    |
| Number Concepts                     |  |        |           |              |
| 6N1 (L1)                            | Identify the value of a digit in a given number  | 52.4   | 67.5      | 68.2         |
| 6N1 (L2)                            | Demonstrate an understanding of place value through base ten representations                         | 42.9   | 37.4      | 38.1         |
| 6N5 (L1)                            | Write and interpret ratios comparing part-to-whole   | 66.7   | 59.6      | 59.7         |
| 6N5 (L2)                            | Demonstrate an understanding of equivalent ratios  | 23.8   | 46.6      | 48.4         |
| 6N6 (L1)                            | Demonstrate an understanding of percent as ratio   | 31.0   | 50.2      | 50.0         |
| 6N6 (L3)                            | Demonstrate an understanding of percent as ratio   | 81.0   | 84.4      | 84.1         |
| 6N3 (L2)                            | Distinguish between prime and composite numbers  | 14.3   | 52.9      | 54.8         |
| 6N3 (L2)                            | Determine factors of a given number  | 50.0   | 64.7      | 66.3         |
| 6N4 (L1)                            | Place an improper fraction on a number line  | 19.1   | 36.8      | 38.2         |
| 6N7 (L3)                            | Select integer that best fits description  | 66.7   | 72.3      | 71.9         |
| Number Operations                   |  |        |           |              |
| 6N8 (L2)                            | Compute products of whole numbers and decimals   | 61.4   | 81.9      | 83.1         |
| 6N2, 6N8 (L2)                       | Compute quotients of whole numbers and decimals  | 34.1   | 63.5      | 64.5         |
| 6N8 (L3)                            | Place decimal in correct position in a product of whole numbers and decimals                         | 88.6   | 83.0      | 83.8         |
| 6N2, 6N8 (L2)                       | Solve a problem that involves division of decimals   | 43.2   | 70.8      | 71.0         |
| 6N2, 6N8 (L2)                       |  | 59.1   | 64.0      | 64.1         |
| 6N2 (L2)                            | Solve a problem that involves multiplication of decimals   | 45.5   | 53.6      | 53.4         |
|                                     | Estimate the solution to a subtraction problem   | 61.4   | 55.7      | 56.7         |
| 6N2 (L3)                            | Determine number expression represented by base ten blocks   |        |           |              |
| 6N9 (L3)<br>6N9 (L2)                | Apply the order of operations to solve a problem<br>Apply the order of operations to solve a problem | 45.5   | 48.9      | 50.1<br>49.7 |
| Patterns and Relations<br>6PR1 (L2) | Identify the value of an unknown term in a table of values   | 67.4   | 84.0      | 84.2         |
| 6PR1 (L3)                           | Identify an error in a given table of values   | 83.7   | 87.9      | 87.9         |
| 6PR1, 6PR3 (L2)                     | Write a mathematical expression for a situation  | 11.6   | 23.3      | 24.4         |
| 6PR3 (L2)                           | Represent a pattern rule using a simple mathematical expression                                      | 30.2   | 51.2      | 53.5         |
| 6PR3 (L2)                           | Extend a pattern that is shown on a line graph   | 76.7   | 76.2      | 75.9         |
| 6PR4 (L2)                           | Identifying an equivalent equation for a given equation  | 30.2   | 50.0      | 50.3         |
| 6PR4 (L2)                           | Identifying an equivalent equation for a given model   | 20.9   | 28.4      | 28.9         |
| 6PR1, 6PR2 (L2)                     | Determine a mathematical expression for a situation and a table of values                            | 7.0    | 29.4      | 31.9         |
| Shape and Space                     |  |        |           |              |
| 6SS1 (L1)                           | Classify a given angle according to its measure  | 76.7   | 82.1      | 82.5         |
| 6SS1 (L1)                           | Estimate the measure of an angle   | 90.7   | 85.8      | 85.9         |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a triangle is 180°   | 62.8   | 72.0      | 72.7         |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a quadrilateral is 360°                                    | 62.8   | 74.5      | 74.4         |
| 6SS3 (L2)                           | Find the perimeter and area of a given polygon   | 51.2   | 58.4      | 59.2         |
| 6SS3 (L1)                           | Find the volume of a given rectangular prism   | 25.6   | 41.8      | 43.1         |
| 6SS4 (L1)                           | Identify a given triangle according to its angle measures  | 39.5   | 62.2      | 63.5         |
| 6SS5 (L2)                           | Sort a given set of polygons according to given attributes   | 55.8   | 56.3      | 57.4         |
| 6SS4, 6SS5 (L1)                     | Identify congruent triangles   | 67.4   | 75.1      | 77.1         |
| 6SS8 (L1)                           | Identify the coordinates of two given points on a Cartesian plane                                    | 48.8   | 67.4      | 68.9         |
| 6SS6 (L1)                           | Describe the combined transformations performed on a 2-D shape                                       | 81.4   | 73.7      | 74.4         |
| 6SS9 (L1)                           | Describe the single transformation performed on a 2-D shape  | 72.1   | 79.5      | 80.4         |
| 6SS7 (L2)                           | Identify the successive transformations performed to create a design                                 | 67.4   | 64.7      | 66.2         |
|                                     |  | 1      | I         | I            |

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Source: Division of Evaluation and Research, Department of Education and Early Childhood Development



(Item Analysis: % of content answered correctly)

#### NLESD - Eastern Region

### School #: 924 Tricentia Academy, Arnold's Cove

Grades: K-12

| Outcome(s)<br>Cognitive Level  | Outcome Description   | <b>School</b><br>[N=16]  | <b>Region</b><br>[N=2,877]  | <b>Province</b><br>[N=4,875]  |
|--|---|--|---|---|
| Number Concepts  |   |  |   |   |
| 6N1 (L1)   | Identify the value of a digit in a given number   | 56.3   | 67.5  | 68.2  |
| 6N1 (L2)   | Demonstrate an understanding of place value through base ten representations  | 6.3  | 37.4  | 38.1  |
| 6N5 (L1)   | Write and interpret ratios comparing part-to-whole  | 50.0   | 59.6  | 59.7  |
| 6N5 (L2)   | Demonstrate an understanding of equivalent ratios   | 43.8   | 46.6  | 48.4  |
| 6N6 (L1)   | Demonstrate an understanding of percent as ratio  | 6.3  | 50.2  | 50.0  |
| 6N6 (L3)   | Demonstrate an understanding of percent as ratio  | 75.0   | 84.4  | 84.1  |
| 6N3 (L2)   | Distinguish between prime and composite numbers   | 56.3   | 52.9  | 54.8  |
| 6N3 (L2)   | Determine factors of a given number   | 50.0   | 64.7  | 66.3  |
| 6N4 (L1)   | Place an improper fraction on a number line   | 50.0   | 36.8  | 38.2  |
| 6N7 (L3)   | Select integer that best fits description   | 81.3   | 72.3  | 71.9  |
| Number Operations  |   |  |   |   |
| 6N8 (L2)   | Compute products of whole numbers and decimals  | 87.5   | 81.9  | 83.1  |
| 6N2, 6N8 (L2)  | Compute quotients of whole numbers and decimals   | 68.8   | 63.5  | 64.5  |
| 6N8 (L3)   | Place decimal in correct position in a product of whole numbers and decimals  | 81.3   | 83.0  | 83.8  |
| 6N2, 6N8 (L2)  | Solve a problem that involves division of decimals  | 87.5   | 70.8  | 71.0  |
| 6N2, 6N8 (L2)  | Solve a problem that involves multiplication of decimals  | 56.3   | 64.0  | 64.1  |
| 6N2 (L2)   | Estimate the solution to a subtraction problem  | 25.0   | 53.6  | 53.4  |
| 6N2 (L3)   | Determine number expression represented by base ten blocks  | 37.5   | 55.7  | 56.7  |
|  | Apply the order of operations to solve a problem  | 56.3   | 48.9  | 50.1  |
| 6N9 (L3)   |   |  |   |   |
| 6N9 (L3)<br>6N9 (L2)   | Apply the order of operations to solve a problem<br>Apply the order of operations to solve a problem  | 93.8   | 48.4  | 49.7  |
| 6N9 (L2) Patterns and Relations  | Apply the order of operations to solve a problem  | 93.8   |   |   |
| 6N9 (L2)<br><u>Patterns and Relations</u><br>6PR1 (L2)   | Apply the order of operations to solve a problem<br>Identify the value of an unknown term in a table of values  | 93.8   | 84.0  | 84.2  |
| 6N9 (L2)<br><u>Patterns and Relations</u><br>6PR1 (L2)<br>6PR1 (L3)  | Apply the order of operations to solve a problem<br>Identify the value of an unknown term in a table of values<br>Identify an error in a given table of values  | 93.8<br>81.3<br>81.3   | 84.0<br>87.9  | 84.2<br>87.9  |
| 6N9 (L2)<br><u>Patterns and Relations</u><br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)   | Apply the order of operations to solve a problem<br>Identify the value of an unknown term in a table of values<br>Identify an error in a given table of values<br>Write a mathematical expression for a situation   | 93.8<br>81.3<br>81.3<br>31.3   | 84.0<br>87.9<br>23.3  | 84.2<br>87.9<br>24.4  |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression  | 93.8<br>81.3<br>81.3<br>31.3<br>50.0   | 84.0<br>87.9<br>23.3<br>51.2  | 84.2<br>87.9<br>24.4<br>53.5  |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)  | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph   | 93.8<br>93.8<br>81.3<br>81.3<br>31.3<br>50.0<br>62.5   | 84.0<br>87.9<br>23.3<br>51.2<br>76.2  | 84.2<br>87.9<br>24.4<br>53.5<br>75.9  |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation   | 93.8<br>93.8<br>81.3<br>81.3<br>31.3<br>50.0<br>62.5<br>56.3   | 84.0<br>87.9<br>23.3<br>51.2<br>76.2<br>50.0  | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3  |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)  | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model  | 93.8<br>93.8<br>81.3<br>81.3<br>31.3<br>50.0<br>62.5   | 84.0<br>87.9<br>23.3<br>51.2<br>76.2  | 84.2<br>87.9<br>24.4<br>53.5<br>75.9  |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation   | 93.8<br>93.8<br>81.3<br>81.3<br>31.3<br>50.0<br>62.5<br>56.3<br>31.3   | 84.0<br>87.9<br>23.3<br>51.2<br>76.2<br>50.0<br>28.4  | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9  |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model  | 93.8<br>93.8<br>81.3<br>81.3<br>31.3<br>50.0<br>62.5<br>56.3<br>31.3   | 84.0<br>87.9<br>23.3<br>51.2<br>76.2<br>50.0<br>28.4  | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9  |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1 (L3)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>Shape and Space   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values  | 93.8<br>93.8<br>81.3<br>81.3<br>31.3<br>50.0<br>62.5<br>56.3<br>31.3<br>50.0   | 84.0<br>87.9<br>23.3<br>51.2<br>76.2<br>50.0<br>28.4<br>29.4  | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9  |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1 (L3)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>Shape and Space<br>6SS1 (L1)  | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure  | 93.8<br>93.8<br>81.3<br>81.3<br>31.3<br>50.0<br>62.5<br>56.3<br>31.3<br>50.0<br>75.0   | 84.0<br>87.9<br>23.3<br>51.2<br>76.2<br>50.0<br>28.4<br>29.4<br>82.1  | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5  |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>Shape and Space<br>6SS1 (L1)<br>6SS1 (L1)  | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle   | 93.8<br>93.8<br>81.3<br>81.3<br>31.3<br>50.0<br>62.5<br>56.3<br>31.3<br>50.0<br>75.0<br>81.3   | 84.0<br>87.9<br>23.3<br>51.2<br>76.2<br>50.0<br>28.4<br>29.4<br>82.1<br>85.8  | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9  |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>Shape and Space<br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)  | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°  | 93.8<br>93.8<br>81.3<br>81.3<br>31.3<br>50.0<br>62.5<br>56.3<br>31.3<br>50.0<br>75.0<br>81.3<br>68.8   | 84.0<br>87.9<br>23.3<br>51.2<br>76.2<br>50.0<br>28.4<br>29.4<br>82.1<br>85.8<br>72.0  | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7  |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>Shape and Space<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS2 (L2)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°  | 93.8<br>93.8<br>81.3<br>81.3<br>31.3<br>50.0<br>62.5<br>56.3<br>31.3<br>50.0<br>75.0<br>81.3<br>68.8<br>75.0   | 84.0<br>87.9<br>23.3<br>51.2<br>76.2<br>50.0<br>28.4<br>29.4<br>82.1<br>85.8<br>72.0<br>74.5  | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4  |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>Shape and Space<br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS3 (L2)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon   | 93.8<br>93.8<br>81.3<br>81.3<br>31.3<br>50.0<br>62.5<br>56.3<br>31.3<br>50.0<br>75.0<br>75.0<br>81.3<br>68.8<br>75.0<br>50.0   | 84.0           87.9           23.3           51.2           76.2           50.0           28.4           29.4           82.1           85.8           72.0           74.5           58.4  | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2  |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>Shape and Space<br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L1)  | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism  | 93.8<br>93.8<br>81.3<br>81.3<br>31.3<br>50.0<br>62.5<br>56.3<br>31.3<br>50.0<br>75.0<br>81.3<br>68.8<br>75.0<br>50.0<br>50.0   | 84.0           87.9           23.3           51.2           76.2           50.0           28.4           29.4           82.1           85.8           72.0           74.5           58.4           41.8   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1  |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L1)<br>6SS4 (L1)<br>6SS5 (L2)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures  | 93.8<br>93.8<br>81.3<br>81.3<br>31.3<br>50.0<br>62.5<br>56.3<br>31.3<br>50.0<br>75.0<br>81.3<br>68.8<br>75.0<br>50.0<br>50.0<br>50.0<br>68.8                         | 84.0           87.9           23.3           51.2           76.2           50.0           28.4           29.4           82.1           85.8           72.0           74.5           58.4           41.8           62.2  | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1<br>63.5  |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>Shape and Space<br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L1)<br>6SS4 (L1)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to given attributes   | 93.8<br>93.8<br>81.3<br>81.3<br>31.3<br>50.0<br>62.5<br>56.3<br>31.3<br>50.0<br>75.0<br>81.3<br>68.8<br>75.0<br>50.0<br>50.0<br>50.0<br>68.8<br>25.0                 | 84.0           87.9           23.3           51.2           76.2           50.0           28.4           29.4           82.1           85.8           72.0           74.5           58.4           41.8           62.2           56.3                               | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1<br>63.5<br>57.4  |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L2)<br>6SS3 (L1)<br>6SS4 (L1)<br>6SS5 (L2)<br>6SS4, 6SS5 (L1)                           | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures         Sort a given set of polygons according to given attributes         Identify congruent triangles  | 93.8<br>93.8<br>81.3<br>81.3<br>31.3<br>50.0<br>62.5<br>56.3<br>31.3<br>50.0<br>75.0<br>81.3<br>68.8<br>75.0<br>50.0<br>50.0<br>68.8<br>25.0<br>50.0                 | 84.0           87.9           23.3           51.2           76.2           50.0           28.4           29.4           82.1           85.8           72.0           74.5           58.4           41.8           62.2           56.3           75.1                | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1<br>63.5<br>57.4<br>77.1  |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L1)<br>6SS5 (L2)<br>6SS5 (L2)<br>6SS4, 6SS5 (L1)<br>6SS8 (L1) | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Permonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to its angle measures         Sort a given set of polygons according to given attributes         Identify the coordinates of two given points on a Cartesian plane | 93.8<br>93.8<br>81.3<br>81.3<br>31.3<br>50.0<br>62.5<br>56.3<br>31.3<br>50.0<br>75.0<br>81.3<br>68.8<br>75.0<br>50.0<br>50.0<br>50.0<br>68.8<br>25.0<br>50.0<br>81.3 | 84.0           87.9           23.3           51.2           76.2           50.0           28.4           29.4           82.1           85.8           72.0           74.5           58.4           41.8           62.2           56.3           75.1           67.4 | 84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5           57.4           77.1           68.9 |

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## Elementary Mathematics Provincial Assessment, June 2014 School Report - Multiple Choice Items

(Item Analysis: % of content answered correctly)

School

Region

Province

NLESD - Eastern Region

# School #: 951 Paradise Elementary, Paradise

| Grades: K-6                   |             |
|-------------------------------|-------------|
| Outcome(s)<br>Cognitive Level | Outcome Des |
|                               |             |

| Outcome(s)<br>Cognitive Level       | Outcome Description  |        | [N=2,877]    | [N=4,875]    |
|-------------------------------------|--|--------|--------------|--------------|
| Cognitive Level                     |  | [N=80] | [N=2,077]    | [11=4,075]   |
| Number Concepts                     |  |        |              |              |
| 6N1 (L1)                            | Identify the value of a digit in a given number                              | 70.5   | 67.5         | 68.2         |
| 6N1 (L2)                            | Demonstrate an understanding of place value through base ten representations | 39.7   | 37.4         | 38.1         |
| 6N5 (L1)                            | Write and interpret ratios comparing part-to-whole                           | 56.4   | 59.6         | 59.7         |
| 6N5 (L2)                            | Demonstrate an understanding of equivalent ratios                            | 47.4   | 46.6         | 48.4         |
| 6N6 (L1)                            | Demonstrate an understanding of percent as ratio                             | 39.7   | 50.2         | 50.0         |
| 6N6 (L3)                            | Demonstrate an understanding of percent as ratio                             | 87.2   | 84.4         | 84.1         |
| 6N3 (L2)                            | Distinguish between prime and composite numbers                              | 26.9   | 52.9         | 54.8         |
| 6N3 (L2)                            | Determine factors of a given number  | 50.0   | 64.7         | 66.3         |
| 6N4 (L1)                            | Place an improper fraction on a number line                                  | 19.2   | 36.8         | 38.2         |
| 6N7 (L3)                            | Select integer that best fits description                                    | 70.5   | 72.3         | 71.9         |
| Number Operations                   |  |        |              |              |
| 6N8 (L2)                            | Compute products of whole numbers and decimals                               | 78.8   | 81.9         | 83.1         |
| 6N2, 6N8 (L2)                       | Compute quotients of whole numbers and decimals                              | 56.3   | 63.5         | 64.5         |
| 6N8 (L3)                            | Place decimal in correct position in a product of whole numbers and decimals | 81.3   | 83.0         | 83.8         |
| 6N2, 6N8 (L2)                       | Solve a problem that involves division of decimals                           | 67.5   | 70.8         | 71.0         |
| 6N2, 6N8 (L2)                       | Solve a problem that involves multiplication of decimals                     | 62.5   | 64.0         | 64.1         |
| 6N2 (L2)                            | Estimate the solution to a subtraction problem                               | 42.5   | 53.6         | 53.4         |
| 6N2 (L3)                            | Determine number expression represented by base ten blocks                   | 52.5   | 55.7         | 56.7         |
| 6N9 (L3)                            | Apply the order of operations to solve a problem                             | 37.5   | 48.9         | 50.1         |
| 6N9 (L2)                            | Apply the order of operations to solve a problem                             | 28.8   | 48.4         | 49.7         |
| Patterns and Relations<br>6PR1 (L2) | Identify the value of an unknown term in a table of values                   | 83.5   | 84.0         | 84.2         |
| 6PR1 (L3)                           |  |        |              |              |
|                                     | Identify an error in a given table of values                                 | 86.1   | 87.9         | 87.9         |
| 6PR1, 6PR3 (L2)                     | Write a mathematical expression for a situation                              | 12.7   | 23.3         | 24.4         |
| 6PR3 (L2)                           | Represent a pattern rule using a simple mathematical expression              | 38.0   | 51.2         | 53.5         |
| 6PR3 (L2)                           | Extend a pattern that is shown on a line graph                               | 81.0   | 76.2         | 75.9         |
| 6PR4 (L2)                           | Identifying an equivalent equation for a given equation                      | 53.2   | 50.0<br>28.4 | 50.3<br>28.9 |
| 6PR4 (L2)<br>6PR1, 6PR2 (L2)        | Identifying an equivalent equation for a given model                         | 11.4   | 20.4         | 31.9         |
| Shape and Space                     | Determine a mathematical expression for a situation and a table of values    | 11.4   | 20.4         | 01.0         |
| 6SS1 (L1)                           | Classify a given angle according to its measure                              | 83.5   | 82.1         | 82.5         |
| 6SS1 (L1)                           | Estimate the measure of an angle   | 87.3   | 85.8         | 85.9         |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a triangle is 180°                 | 73.4   | 72.0         | 72.7         |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a quadrilateral is 360°            | 67.1   | 74.5         | 74.4         |
| 6SS3 (L2)                           | Find the perimeter and area of a given polygon                               | 51.9   | 58.4         | 59.2         |
| 6SS3 (L1)                           | Find the volume of a given rectangular prism                                 | 39.2   | 41.8         | 43.1         |
| 6SS4 (L1)                           | Identify a given triangle according to its angle measures                    | 58.2   | 62.2         | 63.5         |
| 6SS5 (L2)                           | Sort a given set of polygons according to given attributes                   | 50.6   | 56.3         | 57.4         |
| 6SS4, 6SS5 (L1)                     | Identify congruent triangles   | 67.1   | 75.1         | 77.1         |
| 6SS8 (L1)                           | Identify the coordinates of two given points on a Cartesian plane            | 68.4   | 67.4         | 68.9         |
| 6SS6 (L1)                           | Describe the combined transformations performed on a 2-D shape               | 79.8   | 73.7         | 74.4         |
| 6SS9 (L1)                           | Describe the single transformation performed on a 2-D shape                  | 84.8   | 79.5         | 80.4         |
| 6SS7 (L2)                           | Identify the successive transformations performed to create a design         | 60.8   | 64.7         | 66.2         |



(Item Analysis: % of content answered correctly)

#### NLESD - Eastern Region

### School #: 952 Elizabeth Park Elementary School, Paradise

Grades: K-6

| Outcome(s)<br>Cognitive Level             | Outcome Description  | School<br>[N=58] | <b>Region</b><br>[N=2,877] | <b>Province</b><br>[N=4,875] |
|---|--|------------------|----------------------------|------------------------------|
| Number Concepts                           |  |                  |                            |                              |
| 6N1 (L1)                                  | Identify the value of a digit in a given number                              | 55.6             | 67.5                       | 68.2                         |
| 6N1 (L2)                                  | Demonstrate an understanding of place value through base ten representations | 44.4             | 37.4                       | 38.1                         |
| 6N5 (L1)                                  | Write and interpret ratios comparing part-to-whole                           | 63.0             | 59.6                       | 59.7                         |
| 6N5 (L2)                                  | Demonstrate an understanding of equivalent ratios                            | 35.2             | 46.6                       | 48.4                         |
| 6N6 (L1)                                  | Demonstrate an understanding of percent as ratio                             | 46.3             | 50.2                       | 50.0                         |
| 6N6 (L3)                                  | Demonstrate an understanding of percent as ratio                             | 79.6             | 84.4                       | 84.1                         |
| 6N3 (L2)                                  | Distinguish between prime and composite numbers                              | 63.0             | 52.9                       | 54.8                         |
| 6N3 (L2)                                  | Determine factors of a given number  | 64.8             | 64.7                       | 66.3                         |
| 6N4 (L1)                                  | Place an improper fraction on a number line                                  | 35.2             | 36.8                       | 38.2                         |
| 6N7 (L3)                                  | Select integer that best fits description                                    | 68.5             | 72.3                       | 71.9                         |
| Number Operations                         |  |                  |                            |                              |
| 6N8 (L2)                                  | Compute products of whole numbers and decimals                               | 89.1             | 81.9                       | 83.1                         |
| 6N2, 6N8 (L2)                             | Compute quotients of whole numbers and decimals                              | 70.9             | 63.5                       | 64.5                         |
| 6N8 (L3)                                  | Place decimal in correct position in a product of whole numbers and decimals | 90.9             | 83.0                       | 83.8                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves division of decimals                           | 65.5             | 70.8                       | 71.0                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves multiplication of decimals                     | 67.3             | 64.0                       | 64.1                         |
| 6N2 (L2)                                  | Estimate the solution to a subtraction problem                               | 47.3             | 53.6                       | 53.4                         |
| 6N2 (L3)                                  | Determine number expression represented by base ten blocks                   | 49.1             | 55.7                       | 56.7                         |
| 6N9 (L3)                                  | Apply the order of operations to solve a problem                             | 43.6             | 48.9                       | 50.1                         |
| 6N9 (L2)                                  | Apply the order of operations to solve a problem                             | 47.3             | 48.4                       | 49.7                         |
| Patterns and Relations                    |  |                  |                            |                              |
| 6PR1 (L2)                                 | Identify the value of an unknown term in a table of values                   | 87.3             | 84.0                       | 84.2                         |
| 6PR1 (L3)                                 | Identify an error in a given table of values                                 | 89.1             | 87.9                       | 87.9                         |
| 6PR1, 6PR3 (L2)                           | Write a mathematical expression for a situation                              | 14.6             | 23.3                       | 24.4                         |
| 6PR3 (L2)                                 | Represent a pattern rule using a simple mathematical expression              | 41.8             | 51.2                       | 53.5                         |
| 6PR3 (L2)                                 | Extend a pattern that is shown on a line graph                               | 78.2             | 76.2                       | 75.9                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given equation                      | 38.2             | 50.0                       | 50.3                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given model                         | 30.9             | 28.4                       | 28.9                         |
| 6PR1, 6PR2 (L2)<br><u>Shape and Space</u> | Determine a mathematical expression for a situation and a table of values    | 23.6             | 29.4                       | 31.9                         |
| 6SS1 (L1)                                 | Classify a given angle according to its measure                              | 87.3             | 82.1                       | 82.5                         |
| 6SS1 (L1)                                 | Estimate the measure of an angle   | 89.1             | 85.8                       | 85.9                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a triangle is 180°                 | 54.6             | 72.0                       | 72.7                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a quadrilateral is 360°            | 78.2             | 74.5                       | 74.4                         |
| 6SS3 (L2)                                 | Find the perimeter and area of a given polygon                               | 67.3             | 58.4                       | 59.2                         |
| 6SS3 (L1)                                 | Find the volume of a given rectangular prism                                 | 38.2             | 41.8                       | 43.1                         |
| 6SS4 (L1)                                 | Identify a given triangle according to its angle measures                    | 56.4             | 62.2                       | 63.5                         |
| 6SS5 (L2)                                 | Sort a given set of polygons according to given attributes                   | 67.3             | 56.3                       | 57.4                         |
| 6SS4, 6SS5 (L1)                           | Identify congruent triangles   | 87.3             | 75.1                       | 77.1                         |
| 6SS8 (L1)                                 | Identify the coordinates of two given points on a Cartesian plane            | 67.3             | 67.4                       | 68.9                         |
| 6SS6 (L1)                                 | Describe the combined transformations performed on a 2-D shape               | 67.3             | 73.7                       | 74.4                         |
| 6SS9 (L1)                                 | Describe the single transformation performed on a 2-D shape                  | 65.5             | 79.5                       | 80.4                         |
| 6SS7 (L2)                                 | Identify the successive transformations performed to create a design         | 52.7             | 64.7                       | 66.2                         |
|   |  |                  |                            |                              |



(Item Analysis: % of content answered correctly)

NLESD - Eastern Region

### School #: 954 Carbonear Academy, Carbonear

| Grades: K-8 |  |
|-------------|--|
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| Outcome(s)                          |   | School               | Region    | Province     |
|-------------------------------------|---|----------------------|-----------|--------------|
| Cognitive Level                     | Outcome Description   | [N=46]               | [N=2,877] | [N=4,875]    |
| Number Concepts                     |   |                      |           |              |
| 6N1 (L1)                            | Identify the value of a digit in a given number   | 46.5                 | 67.5      | 68.2         |
| 6N1 (L2)                            | Demonstrate an understanding of place value through base ten representations  | 18.6                 | 37.4      | 38.1         |
| 6N5 (L1)                            | Write and interpret ratios comparing part-to-whole  | 48.8                 | 59.6      | 59.7         |
| 6N5 (L2)                            | Demonstrate an understanding of equivalent ratios   | 34.9                 | 46.6      | 48.4         |
| 6N6 (L1)                            | Demonstrate an understanding of percent as ratio  | 27.9                 | 50.2      | 50.0         |
| 6N6 (L3)                            | Demonstrate an understanding of percent as ratio  | 79.1                 | 84.4      | 84.1         |
| 6N3 (L2)                            | Distinguish between prime and composite numbers   | 30.2                 | 52.9      | 54.8         |
| 6N3 (L2)                            | Determine factors of a given number   | 48.8                 | 64.7      | 66.3         |
| 6N4 (L1)                            | Place an improper fraction on a number line   | 23.3                 | 36.8      | 38.2         |
| 6N7 (L3)                            | Select integer that best fits description   | 60.5                 | 72.3      | 71.9         |
| Number Operations                   |   |                      |           |              |
| 6N8 (L2)                            | Compute products of whole numbers and decimals  | 75.0                 | 81.9      | 83.1         |
| 6N2, 6N8 (L2)                       | Compute quotients of whole numbers and decimals   | 52.3                 | 63.5      | 64.5         |
| 6N8 (L3)                            | Place decimal in correct position in a product of whole numbers and decimals  | 72.7                 | 83.0      | 83.8         |
| 6N2, 6N8 (L2)                       | Solve a problem that involves division of decimals  | 63.6                 | 70.8      | 71.0         |
| 6N2, 6N8 (L2)                       | Solve a problem that involves multiplication of decimals  | 45.5                 | 64.0      | 64.1         |
| 6N2 (L2)                            | Estimate the solution to a subtraction problem  | 45.5                 | 53.6      | 53.4         |
|                                     | •   | 43.2                 | 55.7      | 56.7         |
| 6N2 (L3)<br>6N9 (L3)                | Determine number expression represented by base ten blocks  | 36.4                 | 48.9      |              |
| 6N9 (L2)                            | Apply the order of operations to solve a problem<br>Apply the order of operations to solve a problem  | 40.9                 | 48.4      | 50.1<br>49.7 |
| Patterns and Relations<br>6PR1 (L2) | Identify the value of an unknown term in a table of values  | 73.3                 | 84.0      | 84.2         |
| 6PR1 (L3)                           | Identify an error in a given table of values  | 84.4                 | 87.9      | 87.9         |
| 6PR1, 6PR3 (L2)                     | Write a mathematical expression for a situation   | 11.1                 | 23.3      | 24.4         |
| 6PR3 (L2)                           | Represent a pattern rule using a simple mathematical expression   | 26.7                 | 51.2      | 53.5         |
| 6PR3 (L2)                           | Extend a pattern that is shown on a line graph  | 80.0                 | 76.2      | 75.9         |
| 6PR4 (L2)                           | Identifying an equivalent equation for a given equation   | 35.6                 | 50.0      | 50.3         |
| 6PR4 (L2)                           | Identifying an equivalent equation for a given model  | 2.2                  | 28.4      | 28.9         |
| 6PR1, 6PR2 (L2)                     | Determine a mathematical expression for a situation and a table of values   | 6.7                  | 29.4      | 31.9         |
| Shape and Space                     | <b>.</b>  |                      |           |              |
| 6SS1 (L1)                           | Classify a given angle according to its measure   | 44.4                 | 82.1      | 82.5         |
| 6SS1 (L1)                           | Estimate the measure of an angle  | 64.4                 | 85.8      | 85.9         |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a triangle is 180°  | 57.8                 | 72.0      | 72.7         |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a quadrilateral is 360°   | 66.7                 | 74.5      | 74.4         |
| 6SS3 (L2)                           | Find the perimeter and area of a given polygon  | 51.1                 | 58.4      | 59.2         |
| 6SS3 (L1)                           | Find the volume of a given rectangular prism<br>Identify a given triangle according to its angle measures   | 22.2                 | 41.8      | 43.1         |
| 6SS4 (L1)                           | Sort a given set of polygons according to given attributes  | 42.2                 | 62.2      | 63.5         |
| 6SS5 (L2)                           |   | 44.4                 | 56.3      | 57.4         |
| 6SS4, 6SS5 (L1)                     | Identify congruent triangles  | 66.7                 | 75.1      | 77.1         |
| 6SS8 (L1)                           | Identify the coordinates of two given points on a Cartesian plane   | 51.1                 | 67.4      | 68.9         |
| 6SS6 (L1)                           |   |                      | 1 70 7    | 74.4         |
|                                     | Describe the combined transformations performed on a 2-D shape  | 77.8                 | 73.7      | 74.4         |
| 6SS9 (L1)<br>6SS7 (L2)              | Describe the combined transformations performed on a 2-D shape<br>Describe the single transformation performed on a 2-D shape<br>Identify the successive transformations performed to create a design | 77.8<br>66.7<br>51.1 | 79.5      | 80.4         |

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Source: Division of Evaluation and Research, Department of Education and Early Childhood Development Mushuau Innu Natuashish and Peenamin McKenzie School are excluded from district and provincial results.

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# Elementary Mathematics Provincial Assessment, June 2014 School Report - Multiple Choice Items

(Item Analysis: % of content answered correctly)

#### District 5 - Conseil scolaire francophone

School #: 095 École Notre-Dame du Cap, Cap Saint-Georges Grades: K-8

| Outcome(s)<br>Cognitive Level  | Outcome Description  | School<br>[N=2]                             | Region<br>[N=21]   | <b>Province</b><br>[N=4,875]   |
|--|--|---|--|--|
| Number Concepts  |  |   |  |  |
| 6N1 (L1)   | Identify the value of a digit in a given number  |   | 42.9   | 68.2   |
| 6N1 (L2)   | Demonstrate an understanding of place value through base ten representations   | School data                                 | 33.3   | 38.1   |
| 6N5 (L1)   | Write and interpret ratios comparing part-to-whole   | with 5 or                                   | 28.6   | 59.7   |
| 6N5 (L2)   | Demonstrate an understanding of equivalent ratios  | fewer                                       | 57.1   | 48.4   |
| 6N6 (L1)   | Demonstrate an understanding of percent as ratio   | students                                    | 61.9   | 50.0   |
| 6N6 (L3)   | Demonstrate an understanding of percent as ratio   | withheld for reasons of                     | 76.2   | 84.1   |
| 6N3 (L2)   | Distinguish between prime and composite numbers  | confidentiality                             | 57.1   | 54.8   |
| 6N3 (L2)   | Determine factors of a given number  |   | 57.1   | 66.3   |
| 6N4 (L1)   | Place an improper fraction on a number line  |   | 42.9   | 38.2   |
| 6N7 (L3)   | Select integer that best fits description  |   | 66.7   | 71.9   |
| Number Operations  |  |   |  |  |
| 6N8 (L2)   | Compute products of whole numbers and decimals   |   | 90.5   | 83.1   |
| 6N2, 6N8 (L2)  | Compute quotients of whole numbers and decimals  |   | 71.4   | 64.5   |
| 6N8 (L3)   | Place decimal in correct position in a product of whole numbers and decimals   |   | 90.5   | 83.8   |
| 6N2, 6N8 (L2)  | Solve a problem that involves division of decimals   |   | 85.7   | 71.0   |
| 6N2, 6N8 (L2)  | Solve a problem that involves multiplication of decimals   |   | 76.2   | 64.1   |
| 6N2 (L2)   | Estimate the solution to a subtraction problem   |   | 52.4   | 53.4   |
| 6N2 (L3)   | Determine number expression represented by base ten blocks   |   | 61.9   | 56.7   |
| 6N9 (L3)   | Apply the order of operations to solve a problem   |   | 57.1   | 50.1   |
|  |  |   |  |  |
| 6N9 (L2)   | Apply the order of operations to solve a problem   |   | 71.4   | 49.7   |
| Patterns and Relations   |  |   |  |  |
| Patterns and Relations<br>6PR1 (L2)  | Identify the value of an unknown term in a table of values   |   | 81.0   | 84.2   |
| Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)   | Identify the value of an unknown term in a table of values<br>Identify an error in a given table of values   |   | 81.0<br>76.2   | 84.2<br>87.9   |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation  |   | 81.0<br>76.2<br>33.3   | 84.2<br>87.9<br>24.4   |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression  |   | 81.0<br>76.2<br>33.3<br>38.1   | 84.2<br>87.9<br>24.4<br>53.5   |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph   |   | 81.0<br>76.2<br>33.3<br>38.1<br>85.7   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9   |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation   |   | 81.0<br>76.2<br>33.3<br>38.1<br>85.7<br>33.3   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3   |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR4 (L2)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model  |   | 81.0<br>76.2<br>33.3<br>38.1<br>85.7<br>33.3<br>23.8   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9   |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation   |   | 81.0<br>76.2<br>33.3<br>38.1<br>85.7<br>33.3   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3   |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model  |   | 81.0<br>76.2<br>33.3<br>38.1<br>85.7<br>33.3<br>23.8   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9   |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)           Shape and Space   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values  |   | 81.0<br>76.2<br>33.3<br>38.1<br>85.7<br>33.3<br>23.8<br>38.1   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9   |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)           Shape and Space           6SS1 (L1)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure  |   | 81.0<br>76.2<br>33.3<br>38.1<br>85.7<br>33.3<br>23.8<br>38.1<br>85.7   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5   |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)           Shape and Space           6SS1 (L1)           6SS1 (L1)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle   |   | 81.0<br>76.2<br>33.3<br>38.1<br>85.7<br>33.3<br>23.8<br>38.1<br>85.7<br>95.2<br>61.9   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7   |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)           Shape and Space           6SS1 (L1)           6SS2 (L2)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°  |   | 81.0<br>76.2<br>33.3<br>38.1<br>85.7<br>33.3<br>23.8<br>38.1<br>85.7<br>95.2   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9   |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1 (APR3 (L2)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)           Shape and Space           6SS1 (L1)           6SS2 (L2)           6SS2 (L2)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°  |   | 81.0<br>76.2<br>33.3<br>38.1<br>85.7<br>33.3<br>23.8<br>38.1<br>85.7<br>95.2<br>61.9<br>76.2   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4   |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)           Shape and Space           6SS1 (L1)           6SS2 (L2)           6SS3 (L2)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon   | 0.0   | 81.0<br>76.2<br>33.3<br>38.1<br>85.7<br>33.3<br>23.8<br>38.1<br>85.7<br>95.2<br>61.9<br>76.2<br>52.4<br>52.4   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1   |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1 (A)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6SS1 (L1)           6SS3 (L2)           6SS3 (L1)           6SS4 (L1)                            | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism  |   | 81.0<br>76.2<br>33.3<br>38.1<br>85.7<br>33.3<br>23.8<br>38.1<br>85.7<br>95.2<br>61.9<br>76.2<br>52.4   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2   |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1 (APR3 (L2)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)           Shape and Space           6SS1 (L1)           6SS2 (L2)           6SS3 (L1)           6SS3 (L1)           6SS4 (L1)           6SS5 (L2)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures  | 0.0 50.0                                    | 81.0<br>76.2<br>33.3<br>38.1<br>85.7<br>33.3<br>23.8<br>38.1<br>85.7<br>95.2<br>61.9<br>76.2<br>52.4<br>52.4<br>52.4<br>71.4   | 84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1<br>63.5   |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1 (L3)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6SS1 (L1)           6SS2 (L2)           6SS3 (L1)           6SS4 (L1)           6SS5 (L2)           6SS4, 6SS5 (L1) | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures         Sort a given set of polygons according to given attributes         Identify a given triangles  | 0.0<br>50.0<br>50.0<br>100.0                | 81.0<br>76.2<br>33.3<br>38.1<br>85.7<br>33.3<br>23.8<br>38.1<br>85.7<br>95.2<br>61.9<br>76.2<br>52.4<br>52.4<br>52.4<br>71.4<br>76.2<br>61.9   | 84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5           57.4           77.1                               |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1 (L3)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)           Shape and Space           6SS1 (L1)           6SS2 (L2)           6SS3 (L1)           6SS4 (L1)           6SS5 (L2)           6SS4, 6SS5 (L1)           6SS8 (L1)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to given attributes         Identify the coordinates of two given points on a Cartesian plane   | 0.0<br>50.0<br>50.0<br>100.0<br>0.0         | 81.0<br>76.2<br>33.3<br>38.1<br>85.7<br>33.3<br>23.8<br>38.1<br>85.7<br>95.2<br>61.9<br>76.2<br>52.4<br>52.4<br>52.4<br>71.4<br>76.2<br>61.9<br>47.6   | 84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5           57.4           77.1           68.9                |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1 (APR3 (L2)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6SS1 (L1)           6SS2 (L2)           6SS3 (L2)           6SS3 (L1)           6SS5 (L2)           6SS4 (BSS (L1)           6SS8 (L1)           6SS6 (L1)  | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Period the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to its angle measures         Sort a given set of polygons according to given attributes         Identify the coordinates of two given points on a Cartesian plane         Describe the combined transformations performed on a 2-D shape | 0.0<br>50.0<br>50.0<br>100.0<br>0.0<br>50.0 | 81.0         76.2         33.3         38.1         85.7         33.3         23.8         38.1         85.7         95.2         61.9         76.2         52.4         52.4         71.4         76.2         61.9         47.6         76.2 | 84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5           57.4           77.1           68.9           74.4 |
| Patterns and Relations           6PR1 (L2)           6PR1 (L3)           6PR1 (L3)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)           Shape and Space           6SS1 (L1)           6SS2 (L2)           6SS3 (L1)           6SS4 (L1)           6SS5 (L2)           6SS4, 6SS5 (L1)           6SS8 (L1)   | Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to given attributes         Identify the coordinates of two given points on a Cartesian plane   | 0.0<br>50.0<br>50.0<br>100.0<br>0.0         | 81.0<br>76.2<br>33.3<br>38.1<br>85.7<br>33.3<br>23.8<br>38.1<br>85.7<br>95.2<br>61.9<br>76.2<br>52.4<br>52.4<br>52.4<br>71.4<br>76.2<br>61.9<br>47.6   | 84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5           57.4           77.1           68.9                |

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# Elementary Mathematics Provincial Assessment, June 2014 School Report - Multiple Choice Items

(Item Analysis: % of content answered correctly)

#### District 5 - Conseil scolaire francophone

School #: 107 École Sainte-Anne, La Grand'Terre (Mainland) Grades: K-12

| Cognitive Level   | Outcome Description   | School<br>[N=3]                                | Region<br>[N=21]  | <b>Province</b><br>[N=4,875]   |
|---|---|--|---|--|
| Number Concepts   |   |  |   |  |
| 6N1 (L1)  | Identify the value of a digit in a given number   |  | 42.9  | 68.2   |
| 6N1 (L2)  | Demonstrate an understanding of place value through base ten representations  | School data                                    | 33.3  | 38.1   |
| 6N5 (L1)  | Write and interpret ratios comparing part-to-whole  | with 5 or                                      | 28.6  | 59.7   |
| 6N5 (L2)  | Demonstrate an understanding of equivalent ratios   | fewer  | 57.1  | 48.4   |
| 6N6 (L1)  | Demonstrate an understanding of percent as ratio  | students                                       | 61.9  | 50.0   |
| 6N6 (L3)  | Demonstrate an understanding of percent as ratio  | withheld for reasons of                        | 76.2  | 84.1   |
| 6N3 (L2)  | Distinguish between prime and composite numbers   | confidentiality                                | 57.1  | 54.8   |
| 6N3 (L2)  | Determine factors of a given number   |  | 57.1  | 66.3   |
| 6N4 (L1)  | Place an improper fraction on a number line   |  | 42.9  | 38.2   |
| 6N7 (L3)  | Select integer that best fits description   |  | 66.7  | 71.9   |
| Number Operations   |   |  |   |  |
| 6N8 (L2)  | Compute products of whole numbers and decimals  |  | 90.5  | 83.1   |
| 6N2, 6N8 (L2)   | Compute quotients of whole numbers and decimals   |  | 71.4  | 64.5   |
| 6N8 (L3)  | Place decimal in correct position in a product of whole numbers and decimals  |  | 90.5  | 83.8   |
| 6N2, 6N8 (L2)   | Solve a problem that involves division of decimals  |  | 85.7  | 71.0   |
| 6N2, 6N8 (L2)   | Solve a problem that involves multiplication of decimals  |  | 76.2  | 64.1   |
| 6N2 (L2)  | Estimate the solution to a subtraction problem  |  | 52.4  | 53.4   |
| 6N2 (L3)  | Determine number expression represented by base ten blocks  |  | 61.9  | 56.7   |
| 6N9 (L3)  | Apply the order of operations to solve a problem  |  | 57.1  | 50.1   |
| 6N9 (L2)  | Apply the order of operations to solve a problem  |  | 71.4  | 49.7   |
|   |   |  |   |  |
| Patterns and Relations  |   |  |   |  |
| Patterns and Relations<br>6PR1 (L2)   | Identify the value of an unknown term in a table of values  | _  | 81.0  | 84.2   |
|   | Identify the value of an unknown term in a table of values<br>Identify an error in a given table of values  |  | 81.0  | 84.2<br>87.9   |
| 6PR1 (L2)   |   |  |   |  |
| 6PR1 (L2)<br>6PR1 (L3)  | Identify an error in a given table of values  |  | 76.2  | 87.9   |
| 6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)   | Identify an error in a given table of values<br>Write a mathematical expression for a situation   |  | 76.2<br>33.3  | 87.9<br>24.4   |
| 6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)  | Identify an error in a given table of values<br>Write a mathematical expression for a situation<br>Represent a pattern rule using a simple mathematical expression  |  | 76.2<br>33.3<br>38.1  | 87.9<br>24.4<br>53.5   |
| 6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)   | Identify an error in a given table of values<br>Write a mathematical expression for a situation<br>Represent a pattern rule using a simple mathematical expression<br>Extend a pattern that is shown on a line graph  |  | 76.2<br>33.3<br>38.1<br>85.7<br>33.3<br>23.8  | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9   |
| 6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)  | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation   |  | 76.2<br>33.3<br>38.1<br>85.7<br>33.3  | 87.9<br>24.4<br>53.5<br>75.9<br>50.3   |
| 6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br><b>Shape and Space</b>  | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values  |  | 76.2<br>33.3<br>38.1<br>85.7<br>33.3<br>23.8<br>38.1  | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9   |
| 6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)  | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure  |  | 76.2<br>33.3<br>38.1<br>85.7<br>33.3<br>23.8<br>38.1<br>85.7  | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5   |
| 6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)           Shape and Space           6SS1 (L1)           6SS1 (L1)   | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle   |  | 76.2<br>33.3<br>38.1<br>85.7<br>33.3<br>23.8<br>38.1<br>85.7<br>95.2  | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9   |
| 6PR1 (L2)         6PR1 (L3)         6PR1, 6PR3 (L2)         6PR3 (L2)         6PR3 (L2)         6PR4 (L2)         6PR4 (L2)         6PR1, 6PR2 (L2)         Shape and Space         6SS1 (L1)         6SS2 (L2)   | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°  |  | 76.2<br>33.3<br>38.1<br>85.7<br>33.3<br>23.8<br>38.1<br>85.7<br>95.2<br>61.9  | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7   |
| 6PR1 (L2)         6PR1 (L3)         6PR1, 6PR3 (L2)         6PR3 (L2)         6PR3 (L2)         6PR4 (L2)         6PR4 (L2)         6PR4 (L2)         6PR1, 6PR2 (L2)         Shape and Space         6SS1 (L1)         6SS2 (L2)   | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°  |  | 76.2<br>33.3<br>38.1<br>85.7<br>33.3<br>23.8<br>38.1<br>85.7<br>95.2<br>61.9<br>76.2  | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4   |
| 6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)           Shape and Space           6SS1 (L1)           6SS2 (L2)           6SS3 (L2)   | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon   | 0.0  | 76.2<br>33.3<br>38.1<br>85.7<br>33.3<br>23.8<br>38.1<br>85.7<br>95.2<br>61.9<br>76.2<br>52.4  | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2   |
| 6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6PR4 (L2)           6PR1, 6PR2 (L2)           Shape and Space           6SS1 (L1)           6SS2 (L2)           6SS3 (L2)           6SS3 (L1)   | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°  | 66.7   | 76.2<br>33.3<br>38.1<br>85.7<br>33.3<br>23.8<br>38.1<br>85.7<br>95.2<br>61.9<br>76.2<br>52.4<br>52.4  | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1   |
| 6PR1 (L2)         6PR1 (L3)         6PR1, 6PR3 (L2)         6PR3 (L2)         6PR4 (L2)         6PR4 (L2)         6PR4 (L2)         6PR4 (L2)         6PR1, 6PR2 (L2)         Shape and Space         6SS1 (L1)         6SS2 (L2)         6SS3 (L2)         6SS3 (L1)         6SS4 (L1)   | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism  | 66.7<br>66.7                                   | 76.2<br>33.3<br>38.1<br>85.7<br>33.3<br>23.8<br>38.1<br>85.7<br>95.2<br>61.9<br>76.2<br>52.4  | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1<br>63.5   |
| 6PR1 (L2)         6PR1 (L3)         6PR1, 6PR3 (L2)         6PR3 (L2)         6PR3 (L2)         6PR4 (L2)         6SS1 (L1)         6SS2 (L2)         6SS3 (L2)         6SS3 (L1)         6SS4 (L1)         6SS5 (L2)   | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to its angle measures         Sort a given set of polygons according to given attributes  | 66.7<br>66.7<br>66.7                           | 76.2<br>33.3<br>38.1<br>85.7<br>33.3<br>23.8<br>38.1<br>85.7<br>95.2<br>61.9<br>76.2<br>52.4<br>52.4<br>52.4<br>71.4<br>76.2  | 87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1<br>63.5<br>57.4   |
| 6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6SS1 (L1)           6SS2 (L2)           6SS3 (L1)           6SS4 (L1)           6SS4 (6SS5 (L1) | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures         Sort a given set of polygons according to given attributes         Identify congruent triangles  | 66.7<br>66.7<br>66.7<br>100.0                  | 76.2<br>33.3<br>38.1<br>85.7<br>33.3<br>23.8<br>38.1<br>85.7<br>95.2<br>61.9<br>76.2<br>52.4<br>52.4<br>52.4<br>71.4<br>76.2<br>61.9  | 87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5           57.4           77.1                |
| 6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6SS1 (L1)           6SS2 (L2)           6SS4 (L1)           6SS8 (L1)   | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to its angle measures         Sort a given set of polygons according to given attributes         Identify congruent triangles         Identify the coordinates of two given points on a Cartesian plane                                   | 66.7<br>66.7<br>66.7<br>100.0<br>66.7          | 76.2         33.3         38.1         85.7         33.3         23.8         38.1         85.7         95.2         61.9         76.2         52.4         52.4         52.4         71.4         76.2         61.9              | 87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5           57.4           77.1           68.9 |
| 6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6SS1 (L1)           6SS2 (L2)           6SS3 (L2)           6SS3 (L1)           6SS4 (L1)           6SS8 (L1)           6SS6 (L1)   | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to its angle measures         Sort a given set of polygons according to given attributes         Identify the coordinates of two given points on a Cartesian plane         Describe the combined transformations performed on a 2-D shape | 66.7<br>66.7<br>66.7<br>100.0<br>66.7<br>100.0 | 76.2         33.3         38.1         85.7         33.3         23.8         38.1         85.7         95.2         61.9         76.2         52.4         52.4         71.4         76.2         61.9         47.6         76.2 | 87.9         24.4         53.5         75.9         50.3         28.9         31.9         82.5         85.9         72.7         74.4         59.2         43.1         63.5         57.4         77.1         68.9         74.4                    |
| 6PR1 (L2)           6PR1 (L3)           6PR1, 6PR3 (L2)           6PR3 (L2)           6PR3 (L2)           6PR4 (L2)           6SS1 (L1)           6SS2 (L2)           6SS4 (L1)           6SS8 (L1)   | Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to its angle measures         Sort a given set of polygons according to given attributes         Identify congruent triangles         Identify the coordinates of two given points on a Cartesian plane                                   | 66.7<br>66.7<br>66.7<br>100.0<br>66.7          | 76.2         33.3         38.1         85.7         33.3         23.8         38.1         85.7         95.2         61.9         76.2         52.4         52.4         52.4         71.4         76.2         61.9              | 87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5           57.4           77.1           68.9 |

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Source: Division of Evaluation and Research, Department of Education and Early Childhood Development Mushuau Innu Natuashish and Peenamin McKenzie School are excluded from district and provincial results.

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### Elementary Mathematics Provincial Assessment, June 2014 School Report - Multiple Choice Items (Item Analysis: % of content answered correctly)

#### District 5 - Conseil scolaire francophone

School #: 459 Centre éducatif l'ENVOL, Labrador City Grades: K-9

| Outcome(s)<br>Cognitive Level             | Outcome Description  | School<br>[N=2]         | Region<br>[N=21]     | <b>Province</b><br>[N=4,875] |
|---|--|-------------------------|----------------------|------------------------------|
| Number Concepts                           |  |                         |                      |                              |
| 6N1 (L1)                                  | Identify the value of a digit in a given number                              |                         | 42.9                 | 68.2                         |
| 6N1 (L2)                                  | Demonstrate an understanding of place value through base ten representations | School data             | 33.3                 | 38.1                         |
| 6N5 (L1)                                  | Write and interpret ratios comparing part-to-whole                           | with 5 or               | 28.6                 | 59.7                         |
| 6N5 (L2)                                  | Demonstrate an understanding of equivalent ratios                            | fewer                   | 57.1                 | 48.4                         |
| 6N6 (L1)                                  | Demonstrate an understanding of percent as ratio                             | students                | 61.9                 | 50.0                         |
| 6N6 (L3)                                  | Demonstrate an understanding of percent as ratio                             | withheld for reasons of | 76.2                 | 84.1                         |
| 6N3 (L2)                                  | Distinguish between prime and composite numbers                              | confidentiality         | 57.1                 | 54.8                         |
| 6N3 (L2)                                  | Determine factors of a given number  |                         | 57.1                 | 66.3                         |
| 6N4 (L1)                                  | Place an improper fraction on a number line                                  |                         | 42.9                 | 38.2                         |
| 6N7 (L3)                                  | Select integer that best fits description                                    |                         | 66.7                 | 71.9                         |
| Number Operations                         |  |                         |                      |                              |
| 6N8 (L2)                                  | Compute products of whole numbers and decimals                               |                         | 90.5                 | 83.1                         |
| 6N2, 6N8 (L2)                             | Compute quotients of whole numbers and decimals                              |                         | 71.4                 | 64.5                         |
| 6N8 (L3)                                  | Place decimal in correct position in a product of whole numbers and decimals |                         | 90.5                 | 83.8                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves division of decimals                           |                         | 85.7                 | 71.0                         |
| 6N2, 6N8 (L2)                             | Solve a problem that involves multiplication of decimals                     |                         | 76.2                 | 64.1                         |
| 6N2 (L2)                                  | Estimate the solution to a subtraction problem                               |                         | 52.4                 | 53.4                         |
| 6N2 (L3)                                  | Determine number expression represented by base ten blocks                   |                         | 61.9                 | 56.7                         |
| 6N9 (L3)                                  | Apply the order of operations to solve a problem                             |                         | 57.1                 | 50.1                         |
| 6N9 (L2)                                  | Apply the order of operations to solve a problem                             |                         | 71.4                 | 49.7                         |
| Patterns and Relations                    |  |                         |                      |                              |
| 6PR1 (L2)                                 | Identify the value of an unknown term in a table of values                   |                         | 81.0                 | 84.2                         |
| 6PR1 (L3)                                 | Identify an error in a given table of values                                 |                         | 76.2                 | 87.9                         |
| 6PR1, 6PR3 (L2)                           | Write a mathematical expression for a situation                              |                         | 33.3                 | 24.4                         |
| 6PR3 (L2)                                 | Represent a pattern rule using a simple mathematical expression              |                         | 38.1                 | 53.5                         |
| 6PR3 (L2)                                 | Extend a pattern that is shown on a line graph                               |                         | 85.7                 | 75.9                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given equation                      |                         | 33.3                 | 50.3                         |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given model                         |                         | 23.8                 | 28.9                         |
| 6PR1, 6PR2 (L2)<br><u>Shape and Space</u> | Determine a mathematical expression for a situation and a table of values    |                         | 38.1                 | 31.9                         |
| 6SS1 (L1)                                 | Classify a given angle according to its measure                              |                         | 85.7                 | 82.5                         |
| 6SS1 (L1)                                 | Estimate the measure of an angle   |                         | 95.2                 | 85.9                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a triangle is 180°                 |                         | 61.9                 | 72.7                         |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a quadrilateral is 360°            |                         | 76.2                 | 74.4                         |
| 6SS3 (L2)                                 | Find the perimeter and area of a given polygon                               | 50.0                    | 52.4                 | 59.2                         |
| 6SS3 (L1)                                 | Find the volume of a given rectangular prism                                 | 50.0                    | 52.4                 | 43.1                         |
| 6SS4 (L1)                                 | Identify a given triangle according to its angle measures                    | 50.0                    | 71.4                 | 63.5                         |
| 6SS5 (L2)                                 | Sort a given set of polygons according to given attributes                   | 50.0                    | 76.2                 | 57.4                         |
| 6SS4, 6SS5 (L1)                           | Identify congruent triangles   | 50.0                    | 61.9                 | 77.1                         |
| 200 I, 2000 (EI)                          | Identify the coordinates of two given points on a Cortegian plane            | 50.0                    | 47.6                 | 68.9                         |
| 6SS8 (L1)                                 | Identify the coordinates of two given points on a Cartesian plane            |                         |                      | 1                            |
| 6SS8 (L1)<br>6SS6 (L1)                    |  |                         | 76.2                 | 74.4                         |
| 6SS6 (L1)                                 | Describe the combined transformations performed on a 2-D shape               | 50.0                    | 76.2<br>85.7         | 74.4                         |
|   |  |                         | 76.2<br>85.7<br>47.6 | 74.4<br>80.4<br>66.2         |

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## Elementary Mathematics Provincial Assessment, June 2014 School Report - Multiple Choice Items

(Item Analysis: % of content answered correctly)

#### District 5 - Conseil scolaire francophone

School #: 460 École des Grands-Vents, St. John's Grades: K-9,12

| Outcome(s)<br>Cognitive Level | Outcome Description   | School<br>[N=12] | Region<br>[N=21] | <b>Province</b><br>[N=4,875] |
|-------------------------------|---|------------------|------------------|------------------------------|
| Number Concepts               | · · · · · · · · · · · · · · · · · · ·   |                  |                  |                              |
|                               | Identify the value of a digit is a siver number   | 58.3             | 42.9             | 68.2                         |
| 6N1 (L1)                      | Identify the value of a digit in a given number<br>Demonstrate an understanding of place value through base ten representations |                  | -                |                              |
| 6N1 (L2)                      |   | 25.0             | 33.3             | 38.1                         |
| 6N5 (L1)                      | Write and interpret ratios comparing part-to-whole  | 33.3<br>58.3     | 28.6<br>57.1     | 59.7<br>48.4                 |
| 6N5 (L2)                      | Demonstrate an understanding of equivalent ratios   |                  |                  |                              |
| 6N6 (L1)                      | Demonstrate an understanding of percent as ratio  | 66.7<br>83.3     | 61.9<br>76.2     | 50.0<br>84.1                 |
| 6N6 (L3)                      | Demonstrate an understanding of percent as ratio  | 66.7             | 57.1             | 54.8                         |
| 6N3 (L2)                      | Distinguish between prime and composite numbers   | 83.3             | 57.1             | 66.3                         |
| 6N3 (L2)<br>6N4 (L1)          | Determine factors of a given number   |                  |                  |                              |
| 6N7 (L3)                      | Place an improper fraction on a number line<br>Select integer that best fits description  | 50.0             | 42.9<br>66.7     | 38.2<br>71.9                 |
|                               |   | 75.0             | 00.7             | 71.9                         |
| Number Operations             |   |                  |                  |                              |
| 6N8 (L2)                      | Compute products of whole numbers and decimals  | 100.0            | 90.5             | 83.1                         |
| 6N2, 6N8 (L2)                 | Compute quotients of whole numbers and decimals   | 83.3             | 71.4             | 64.5                         |
| 6N8 (L3)                      | Place decimal in correct position in a product of whole numbers and decimals  | 91.7             | 90.5             | 83.8                         |
| 6N2, 6N8 (L2)                 | Solve a problem that involves division of decimals  | 91.7             | 85.7             | 71.0                         |
| 6N2, 6N8 (L2)                 | Solve a problem that involves multiplication of decimals  | 75.0             | 76.2             | 64.1                         |
| 6N2 (L2)                      | Estimate the solution to a subtraction problem  | 66.7             | 52.4             | 53.4                         |
| 6N2 (L3)                      | Determine number expression represented by base ten blocks  | 66.7             | 61.9             | 56.7                         |
| 6N9 (L3)                      | Apply the order of operations to solve a problem  | 75.0             | 57.1             | 50.1                         |
| 6N9 (L2)                      | Apply the order of operations to solve a problem  | 75.0             | 71.4             | 49.7                         |
| Patterns and Relations        |   |                  |                  |                              |
| 6PR1 (L2)                     | Identify the value of an unknown term in a table of values  | 83.3             | 81.0             | 84.2                         |
| 6PR1 (L3)                     | Identify an error in a given table of values  | 83.3             | 76.2             | 87.9                         |
| 6PR1, 6PR3 (L2)               | Write a mathematical expression for a situation   | 25.0             | 33.3             | 24.4                         |
| 6PR3 (L2)                     | Represent a pattern rule using a simple mathematical expression   | 41.7             | 38.1             | 53.5                         |
| 6PR3 (L2)                     | Extend a pattern that is shown on a line graph  | 100.0            | 85.7             | 75.9                         |
| 6PR4 (L2)                     | Identifying an equivalent equation for a given equation   | 41.7             | 33.3             | 50.3                         |
| 6PR4 (L2)                     | Identifying an equivalent equation for a given model  | 25.0             | 23.8             | 28.9                         |
| 6PR1, 6PR2 (L2)               | Determine a mathematical expression for a situation and a table of values   | 41.7             | 38.1             | 31.9                         |
| Shape and Space               |   |                  |                  |                              |
| 6SS1 (L1)                     | Classify a given angle according to its measure   | 100.0            | 85.7             | 82.5                         |
| 6SS1 (L1)                     | Estimate the measure of an angle  | 91.7             | 95.2             | 85.9                         |
| 6SS2 (L2)                     | Demonstrate the sum of interior angles of a triangle is 180°  | 66.7             | 61.9             | 72.7                         |
| 6SS2 (L2)                     | Demonstrate the sum of interior angles of a quadrilateral is 360°   | 75.0             | 76.2             | 74.4                         |
| 6SS3 (L2)                     | Find the perimeter and area of a given polygon  | 66.7             | 52.4             | 59.2                         |
| 6SS3 (L1)                     | Find the volume of a given rectangular prism  | 58.3             | 52.4             | 43.1                         |
| 6SS4 (L1)                     | Identify a given triangle according to its angle measures   | 91.7             | 71.4             | 63.5                         |
| 6SS5 (L2)                     | Sort a given set of polygons according to given attributes  | 91.7             | 76.2             | 57.4                         |
| 6SS4, 6SS5 (L1)               | Identify congruent triangles  | 41.7             | 61.9             | 77.1                         |
| 6SS8 (L1)                     | Identify the coordinates of two given points on a Cartesian plane   | 50.0             | 47.6             | 68.9                         |
| 6SS6 (L1)                     | Describe the combined transformations performed on a 2-D shape  | 83.3             | 76.2             | 74.4                         |
| 6SS9 (L1)                     | Describe the single transformation performed on a 2-D shape   | 91.7             | 85.7             | 80.4                         |
| 6SS7 (L2)                     | Identify the successive transformations performed to create a design  | 50.0             | 47.6             | 66.2                         |
|                               |   | 1                | 1                | 1                            |



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# Elementary Mathematics Provincial Assessment, June 2014 School Report - Multiple Choice Items

(Item Analysis: % of content answered correctly)

#### District 5 - Conseil scolaire francophone

School #: 472 École Boréale, Happy Valley - Goose Bay Grades: K-3,5-6,8,10

| Outcome(s)<br>Cognitive Level             | Outcome Description  | School<br>[N=2]         | Region<br>[N=21] | Province<br>[N=4,875] |
|---|--|-------------------------|------------------|-----------------------|
| Number Concepts                           |  |                         |                  |                       |
| 6N1 (L1)                                  | Identify the value of a digit in a given number  |                         | 42.9             | 68.2                  |
| 6N1 (L2)                                  | Demonstrate an understanding of place value through base ten representations                         | School data             | 33.3             | 38.1                  |
| 6N5 (L1)                                  | Write and interpret ratios comparing part-to-whole   | with 5 or               | 28.6             | 59.7                  |
| 6N5 (L2)                                  | Demonstrate an understanding of equivalent ratios  | fewer                   | 57.1             | 48.4                  |
| 6N6 (L1)                                  | Demonstrate an understanding of percent as ratio   | students                | 61.9             | 50.0                  |
| 6N6 (L3)                                  | Demonstrate an understanding of percent as ratio   | withheld for reasons of | 76.2             | 84.1                  |
| 6N3 (L2)                                  | Distinguish between prime and composite numbers  | confidentiality         | 57.1             | 54.8                  |
| 6N3 (L2)                                  | Determine factors of a given number  |                         | 57.1             | 66.3                  |
| 6N4 (L1)                                  | Place an improper fraction on a number line  |                         | 42.9             | 38.2                  |
| 6N7 (L3)                                  | Select integer that best fits description  |                         | 66.7             | 71.9                  |
| Number Operations                         |  |                         |                  |                       |
| 6N8 (L2)                                  | Compute products of whole numbers and decimals   |                         | 90.5             | 83.1                  |
| 6N2, 6N8 (L2)                             | Compute quotients of whole numbers and decimals  |                         | 71.4             | 64.5                  |
| 6N8 (L3)                                  | Place decimal in correct position in a product of whole numbers and decimals                         |                         | 90.5             | 83.8                  |
| 6N2, 6N8 (L2)                             | Solve a problem that involves division of decimals   |                         | 85.7             | 71.0                  |
| 6N2, 6N8 (L2)                             | Solve a problem that involves multiplication of decimals   |                         | 76.2             | 64.1                  |
| 6N2 (L2)                                  | Estimate the solution to a subtraction problem   |                         | 52.4             | 53.4                  |
| 6N2 (L3)                                  | Determine number expression represented by base ten blocks   |                         | 61.9             | 56.7                  |
| 6N9 (L3)                                  | Apply the order of operations to solve a problem   |                         | 57.1             | 50.1                  |
| 6N9 (L2)                                  | Apply the order of operations to solve a problem<br>Apply the order of operations to solve a problem |                         | 71.4             | 49.7                  |
| Patterns and Relations<br>6PR1 (L2)       | Identify the value of an unknown term in a table of values   | _                       | 81.0             | 84.2                  |
| 6PR1 (L3)                                 | Identify an error in a given table of values   |                         | 76.2             | 87.9                  |
| 6PR1, 6PR3 (L2)                           | Write a mathematical expression for a situation  |                         | 33.3             | 24.4                  |
| 6PR3 (L2)                                 | Represent a pattern rule using a simple mathematical expression                                      |                         | 38.1             | 53.5                  |
| 6PR3 (L2)                                 | Extend a pattern that is shown on a line graph   |                         | 85.7             | 75.9                  |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given equation  |                         | 33.3             | 50.3                  |
| 6PR4 (L2)                                 | Identifying an equivalent equation for a given model   |                         | 23.8             | 28.9                  |
| 6PR1, 6PR2 (L2)<br><u>Shape and Space</u> | Determine a mathematical expression for a situation and a table of values                            |                         | 38.1             | 31.9                  |
| 6SS1 (L1)                                 | Classify a given angle according to its measure  |                         | 85.7             | 82.5                  |
| 6SS1 (L1)                                 | Estimate the measure of an angle   | _                       | 95.2             | 85.9                  |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a triangle is 180°   |                         | 61.9             | 72.7                  |
| 6SS2 (L2)                                 | Demonstrate the sum of interior angles of a quadrilateral is 360°                                    | _                       | 76.2             | 74.4                  |
| 6SS3 (L2)                                 | Find the perimeter and area of a given polygon   | 100.0                   | 52.4             | 59.2                  |
| 6SS3 (L1)                                 | Find the volume of a given rectangular prism   | 50.0                    | 52.4             | 43.1                  |
| 6SS4 (L1)                                 | Identify a given triangle according to its angle measures  | 0.0                     | 71.4             | -                     |
| 6SS5 (L2)                                 | Sort a given set of polygons according to given attributes   | 50.0                    | 71.4             | 63.5<br>57.4          |
|   | Identify congruent triangles   | 100.0                   | 61.9             | 77.1                  |
| 6SS4, 6SS5 (L1)                           |  |                         |                  |                       |
| 6SS8 (L1)                                 | Identify the coordinates of two given points on a Cartesian plane                                    | 50.0                    | 47.6             | 68.9                  |
| 6SS6 (L1)                                 | Describe the combined transformations performed on a 2-D shape                                       | 50.0                    | 76.2             | 74.4                  |
| 6SS9 (L1)                                 | Describe the single transformation performed on a 2-D shape  | 100.0                   | 85.7             | 80.4                  |
| 6SS7 (L2)                                 | Identify the successive transformations performed to create a design                                 | 100.0                   | 47.6             | 66.2                  |

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(Item Analysis: % of content answered correctly)

#### District 803 - Private

### School #: 373 First Baptist Academy, Mount Pearl

| Outcome(s)<br>Cognitive Level   | Outcome Description  | School<br>[N=2]                    | Region<br>[N=66]   | <b>Province</b><br>[N=4,875]   |
|---|--|------------------------------------|--|--|
| Number Concepts   |  |                                    |  |  |
| 6N1 (L1)  | Identify the value of a digit in a given number  |                                    | 70.8   | 68.2   |
| 6N1 (L2)  | Demonstrate an understanding of place value through base ten representations   | School data                        | 27.7   | 38.1   |
| 6N5 (L1)  | Write and interpret ratios comparing part-to-whole   | with 5 or                          | 72.3   | 59.7   |
| 6N5 (L2)  | Demonstrate an understanding of equivalent ratios  | fewer                              | 63.1   | 48.4   |
| 6N6 (L1)  | Demonstrate an understanding of percent as ratio   | students                           | 61.5   | 50.0   |
| 6N6 (L3)  | Demonstrate an understanding of percent as ratio   | withheld for reasons of            | 89.2   | 84.1   |
| 6N3 (L2)  | Distinguish between prime and composite numbers  | confidentiality                    | 41.5   | 54.8   |
| 6N3 (L2)  | Determine factors of a given number  |                                    | 81.5   | 66.3   |
| 6N4 (L1)  | Place an improper fraction on a number line  |                                    | 53.9   | 38.2   |
| 6N7 (L3)  | Select integer that best fits description  |                                    | 87.7   | 71.9   |
| Number Operations   |  |                                    |  |  |
| 6N8 (L2)  | Compute products of whole numbers and decimals   |                                    | 95.5   | 83.1   |
| 6N2, 6N8 (L2)   | Compute quotients of whole numbers and decimals  |                                    | 89.4   | 64.5   |
| 6N8 (L3)  | Place decimal in correct position in a product of whole numbers and decimals   |                                    | 93.9   | 83.8   |
| 6N2, 6N8 (L2)   | Solve a problem that involves division of decimals   |                                    | 92.4   | 71.0   |
| 6N2, 6N8 (L2)   | Solve a problem that involves multiplication of decimals   |                                    | 78.8   | 64.1   |
| 6N2 (L2)  | Estimate the solution to a subtraction problem   |                                    | 74.2   | 53.4   |
|   | Determine number expression represented by base ten blocks   |                                    | 65.2   | 56.7   |
| 6N2 (L3)  |  |                                    |  | 50.1   |
| 6N2 (L3)<br>6N9 (L3)  | Apply the order of operations to solve a problem   |                                    | 65.2   | 50.1   |
| · · ·   | Apply the order of operations to solve a problem<br>Apply the order of operations to solve a problem   | _                                  | 65.2<br>62.1   | 49.7   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations  | Apply the order of operations to solve a problem   | _                                  | 62.1   | 49.7   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)   | Apply the order of operations to solve a problem Identify the value of an unknown term in a table of values  |                                    | 62.1<br>92.1   | 49.7<br>84.2   |
| 6N9 (L3)<br>6N9 (L2)<br><u>Patterns and Relations</u><br>6PR1 (L2)<br>6PR1 (L3)   | Apply the order of operations to solve a problem           Identify the value of an unknown term in a table of values           Identify an error in a given table of values   |                                    | 62.1<br>92.1<br>95.2   | 49.7<br>84.2<br>87.9   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)   | Apply the order of operations to solve a problem           Identify the value of an unknown term in a table of values           Identify an error in a given table of values           Write a mathematical expression for a situation   |                                    | 62.1<br>92.1<br>95.2<br>34.9   | 49.7<br>84.2<br>87.9<br>24.4   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)  | Apply the order of operations to solve a problem           Identify the value of an unknown term in a table of values           Identify an error in a given table of values           Write a mathematical expression for a situation           Represent a pattern rule using a simple mathematical expression   |                                    | 62.1<br>92.1<br>95.2<br>34.9<br>69.8   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)   | Apply the order of operations to solve a problem           Identify the value of an unknown term in a table of values           Identify an error in a given table of values           Write a mathematical expression for a situation           Represent a pattern rule using a simple mathematical expression           Extend a pattern that is shown on a line graph  |                                    | 62.1<br>92.1<br>95.2<br>34.9<br>69.8<br>82.5   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)  | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation  |                                    | 62.1<br>92.1<br>95.2<br>34.9<br>69.8<br>82.5<br>68.3   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given model   |                                    | 62.1<br>92.1<br>95.2<br>34.9<br>69.8<br>82.5   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation  |                                    | 62.1<br>92.1<br>95.2<br>34.9<br>69.8<br>82.5<br>68.3<br>25.4   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)  | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given model   |                                    | 62.1<br>92.1<br>95.2<br>34.9<br>69.8<br>82.5<br>68.3<br>25.4   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L2)<br>6PR1 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>Shape and Space  | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values   |                                    | 62.1<br>92.1<br>95.2<br>34.9<br>69.8<br>82.5<br>68.3<br>25.4<br>47.6   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>Shape and Space<br>6SS1 (L1)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure   |                                    | 62.1<br>92.1<br>95.2<br>34.9<br>69.8<br>82.5<br>68.3<br>25.4<br>47.6<br>96.8<br>98.4   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>Shape and Space<br>6SS1 (L1)<br>6SS1 (L1)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle  |                                    | 62.1<br>92.1<br>95.2<br>34.9<br>69.8<br>82.5<br>68.3<br>25.4<br>47.6<br>96.8   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>Shape and Space<br>6SS1 (L1)<br>6SS2 (L2)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°   |                                    | 62.1<br>92.1<br>95.2<br>34.9<br>69.8<br>82.5<br>68.3<br>25.4<br>47.6<br>96.8<br>98.4<br>87.3   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>Shape and Space<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS2 (L2)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°   |                                    | 62.1<br>92.1<br>95.2<br>34.9<br>69.8<br>82.5<br>68.3<br>25.4<br>47.6<br>96.8<br>98.4<br>87.3<br>88.9   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6 | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon  |                                    | 62.1<br>92.1<br>95.2<br>34.9<br>69.8<br>82.5<br>68.3<br>25.4<br>47.6<br>96.8<br>98.4<br>87.3<br>88.9<br>74.6   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L2)<br>6PR1 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L1)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism   | 50.0                               | 62.1<br>92.1<br>95.2<br>34.9<br>69.8<br>82.5<br>68.3<br>25.4<br>47.6<br>96.8<br>98.4<br>87.3<br>88.9<br>74.6<br>61.9                                 | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1   |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>5hape and Space<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS3 (L1)<br>6SS3 (L1)<br>6SS4 (L1)<br>6SS5 (L2)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures   | 50.0<br>50.0                       | 62.1<br>92.1<br>95.2<br>34.9<br>69.8<br>82.5<br>68.3<br>25.4<br>47.6<br>96.8<br>98.4<br>87.3<br>88.9<br>74.6<br>61.9<br>71.4                         | 49.7           84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5  |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1 (L3)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L1)<br>6SS5 (L2)<br>6SS5 (L2)<br>6SS4 (SS5 (L1)  | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to given attributes  | 50.0<br>50.0<br>0.0<br>0.0         | 62.1<br>92.1<br>95.2<br>34.9<br>69.8<br>82.5<br>68.3<br>25.4<br>47.6<br>96.8<br>98.4<br>87.3<br>88.9<br>74.6<br>61.9<br>71.4<br>76.2<br>81.0         | 49.7           84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5           57.4           77.1                |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L1)<br>6SS4 (L1)<br>6SS5 (L2)<br>6SS5 (L2)<br>6SS8 (L1)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures         Sort a given set of polygons according to given attributes         Identify congruent triangles         Identify the coordinates of two given points on a Cartesian plane | 50.0<br>50.0<br>0.0<br>0.0<br>50.0 | 62.1<br>92.1<br>95.2<br>34.9<br>69.8<br>82.5<br>68.3<br>25.4<br>47.6<br>96.8<br>98.4<br>87.3<br>88.9<br>74.6<br>61.9<br>71.4<br>76.2<br>81.0<br>74.6 | 49.7           84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5           57.4           77.1           68.9 |
| 6N9 (L3)<br>6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1 (L3)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L1)<br>6SS5 (L2)<br>6SS5 (L2)<br>6SS4 (SS5 (L1)  | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures         Sort a given set of polygons according to given attributes         Identify congruent triangles   | 50.0<br>50.0<br>0.0<br>0.0         | 62.1<br>92.1<br>95.2<br>34.9<br>69.8<br>82.5<br>68.3<br>25.4<br>47.6<br>96.8<br>98.4<br>87.3<br>88.9<br>74.6<br>61.9<br>71.4<br>76.2<br>81.0         | 49.7           84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5           57.4           77.1                |

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(Item Analysis: % of content answered correctly)

#### District 803 - Private

School #: 375 Lakecrest -St. John's Independent School, St. John's

| Number Concepts         79.0           6N1 (L1)         Identify the value of a digit in a given number         79.0           6N1 (L2)         Demonstrate an understanding of place value through base ten representations         47.4           6N5 (L1)         Write and interpret ratios comparing part-to-whole         52.6           6N5 (L2)         Demonstrate an understanding of equivalent ratios         42.1           6N6 (L1)         Demonstrate an understanding of percent as ratio         52.6           6N3 (L2)         Distinguish between prime and composite numbers         42.1           6N3 (L2)         Determine factors of a given number         73.7           6N4 (L1)         Place an improper fraction on a number line         47.4           6N7 (L3)         Select integer that best fits description         100.0           Number Operations.         6N8 (L2)         Compute products of whole numbers and decimals         84.2           6N8 (L2)         Compute quotients of whole numbers and decimals         94.7         6N2.6 N8 (L2)         Solve a problem that involves division of decimals         89.5           6N8 (L2)         Compute quotients of whole numbers and decimals         89.5         6N2.2         6N8 (L2)         Solve a problem that involves division of decimals         89.5         6N2.2         6N8 (L2)         Solve a problem that invol | N=66] | <b>Province</b><br>[N=4,875] |
|---|-------|------------------------------|
| 6N1 (L2)       Demonstrate an understanding of place value through base ten representations       47.4         6N1 (L2)       Demonstrate an understanding of place value through base ten representations       47.4         6N5 (L1)       Write and interpret ratios comparing part-to-whole       52.6         6N5 (L2)       Demonstrate an understanding of percent as ratio       52.6         6N6 (L3)       Demonstrate an understanding of percent as ratio       84.2         6N3 (L2)       Distinguish between prime and composite numbers       42.1         6N3 (L2)       Distinguish between prime and composite numbers       42.1         6N3 (L2)       Determine factors of a given number       73.7         6N4 (L1)       Place an improper fraction on a number line       47.4         6N7 (L3)       Select integer that best fits description       100.0         Number Operations       100.0       100.0         6N8 (L2)       Compute products of whole numbers and decimals       84.2         6N8 (L2)       Compute quotients of whole numbers and decimals       84.2         6N8 (L2)       Compute quotients of whole numbers and decimals       89.5         6N2 (L2)       Compute quotients of whole numbers and decimals       89.5         6N2 (L2)       Solve a problem that involves division of decimals       89.5 <t< td=""><td></td><td></td></t<>                                       |       |                              |
| 6N1 (L2)       Demonstrate an understanding of place value through base ten representations       47.4         6N5 (L1)       Write and interpret ratios comparing part-to-whole       52.6         6N5 (L2)       Demonstrate an understanding of equivalent ratios       42.1         6N6 (L1)       Demonstrate an understanding of percent as ratio       52.6         6N6 (L3)       Demonstrate an understanding of percent as ratio       84.2         6N3 (L2)       Distinguish between prime and composite numbers       42.1         6N3 (L2)       Determine factors of a given number       73.7         6N4 (L1)       Place an improper fraction on a number line       47.4         6N7 (L3)       Select integer that best fits description       100.0         Number Operations       6N8 (L2)       Compute products of whole numbers and decimals       84.2         6N8 (L2)       Compute products of whole numbers and decimals       94.7       6N2.6N8 (L2)       Solve a problem that involves division of decimals       89.5         6N2 (L2)       Solve a problem that involves multiplication of decimals       89.5       6N2.2       6N4 (L1)       Solve a problem that involves multiplication of decimals       89.5         6N8 (L2)       Solve a problem that involves multiplication of decimals       89.5       6N2.1       6N2.1       6N4.1       6N4.2       <                                | 70.8  | 68.2                         |
| 6N5 (L2)       Demonstrate an understanding of equivalent ratios       42.1         6N6 (L1)       Demonstrate an understanding of percent as ratio       52.6         6N6 (L3)       Demonstrate an understanding of percent as ratio       84.2         6N3 (L2)       Distinguish between prime and composite numbers       42.1         6N3 (L2)       Determine factors of a given number       73.7         6N4 (L1)       Place an improper fraction on a number line       47.4         6N7 (L3)       Select integer that best fits description       100.0         Number Operations       6N8 (L2)       Compute products of whole numbers and decimals       84.2         6N8 (L2)       Compute products of whole numbers and decimals       100.0       100.0         6N8 (L2)       Compute quotients of whole numbers and decimals       84.2       6N2.4         6N8 (L2)       Compute aproducts of whole numbers and decimals       84.2       6N2.5         6N8 (L2)       Solve a problem that involves division of decimals       84.2       6N2.5         6N2 (L3)       Place decimal in correct position in a product of whole numbers and decimals       89.5       6N2.5         6N2 (L2)       Solve a problem that involves multiplication of decimals       89.5       6N2.2       6N4 (L2)       Solve a problem that involves multiplication of decimals  | 27.7  | 38.1                         |
| 6N6 (L1)       Demonstrate an understanding of percent as ratio       52.6         6N6 (L3)       Demonstrate an understanding of percent as ratio       84.2         6N3 (L2)       Distinguish between prime and composite numbers       42.1         6N3 (L2)       Determine factors of a given number       73.7         6N4 (L1)       Place an improper fraction on a number line       47.4         6N7 (L3)       Select integer that best fits description       100.0         Number Operations       6N8 (L2)       Compute products of whole numbers and decimals       100.0         6N8 (L2)       Compute products of whole numbers and decimals       84.2       6N8 (L2)         6N8 (L2)       Compute products of whole numbers and decimals       84.2       6N8 (L3)         6N8 (L2)       Compute quotients of whole numbers and decimals       84.2       6N8 (L3)         6N8 (L2)       Solve a problem that involves division of decimals       84.2       6N8 (L3)         6N2 (L3)       Place decimal in correct position in a product of whole numbers and decimals       89.5         6N2 (L2)       Solve a problem that involves multiplication of decimals       89.5         6N2 (L2)       Solve a problem that involves multiplication of decimals       63.2         6N9 (L3)       Apply the order of operations to solve a problem       73.7<  | 72.3  | 59.7                         |
| 6N6 (L3)Demonstrate an understanding of percent as ratio84.26N3 (L2)Distinguish between prime and composite numbers42.16N3 (L2)Determine factors of a given number73.76N4 (L1)Place an improper fraction on a number line47.46N7 (L3)Select integer that best fits description100.0Number Operations6N8 (L2)Compute products of whole numbers and decimals100.06N8 (L2)Compute products of whole numbers and decimals84.26N8 (L3)Place decimal in correct position in a product of whole numbers and decimals94.76N2, 6N8 (L2)Solve a problem that involves division of decimals89.56N2 (L2)Solve a problem that involves multiplication of decimals89.56N2 (L2)Estimate the solution to a subtraction problem73.76N2 (L2)Estimate the solution to a subtraction problem73.76N2 (L2)Determine number expression represented by base ten blocks63.26N9 (L3)Apply the order of operations to solve a problem79.0Patterns and Relations94.494.46PR1 (L2)Identify the value of an unknown term in a table of values94.4   | 63.1  | 48.4                         |
| 6N3 (L2)       Distinguish between prime and composite numbers       42.1         6N3 (L2)       Determine factors of a given number       73.7         6N4 (L1)       Place an improper fraction on a number line       47.4         6N7 (L3)       Select integer that best fits description       100.0         Number Operations       6N8 (L2)       Compute products of whole numbers and decimals       100.0         6N8 (L2)       Compute products of whole numbers and decimals       84.2       6N8 (L2)         6N8 (L2)       Compute quotients of whole numbers and decimals       84.2         6N8 (L2)       Compute quotients of whole numbers and decimals       84.2         6N8 (L2)       Compute quotients of whole numbers and decimals       84.2         6N8 (L2)       Solve a problem that involves division of decimals       84.2         6N2, 6N8 (L2)       Solve a problem that involves multiplication of decimals       89.5         6N2 (L2)       Estimate the solution to a subtraction problem       73.7         6N2 (L2)       Estimate the solution to a subtraction problem       63.2         6N9 (L2)       Apply the order of operations to solve a problem       63.2         6N9 (L2)       Apply the order of operations to solve a problem       79.0         Patterns and Relations         6PR1   | 61.5  | 50.0                         |
| One (L2)Determine factors of a given number73.76N3 (L2)Determine factors of a given number73.76N4 (L1)Place an improper fraction on a number line47.46N7 (L3)Select integer that best fits description100.0Number Operations100.06N8 (L2)Compute products of whole numbers and decimals100.06N8 (L2)Compute quotients of whole numbers and decimals100.06N8 (L2)Compute quotients of whole numbers and decimals84.26N8 (L3)Place decimal in correct position in a product of whole numbers and decimals94.76N2, 6N8 (L2)Solve a problem that involves division of decimals89.56N2, 6N8 (L2)Solve a problem that involves division of decimals89.56N2, 6N8 (L2)Solve a problem that involves multiplication of decimals89.56N2 (L3)Determine number expression represented by base ten blocks63.26N9 (L3)Apply the order of operations to solve a problem63.26N9 (L2)Apply the order of operations to solve a problem79.0Patterns and Relations6PR1 (L2)Identify the value of an unknown term in a table of values94.46PR1 (L3)Identify an error in a given table of values94.4  | 89.2  | 84.1                         |
| 6N4 (L1)Place an improper fraction on a number line47.46N7 (L3)Select integer that best fits description100.0Number Operations.100.06N8 (L2)Compute products of whole numbers and decimals100.06N8 (L2)Compute quotients of whole numbers and decimals84.26N8 (L3)Place decimal in correct position in a product of whole numbers and decimals84.26N8 (L2)Solve a problem that involves division of decimals89.56N2, 6N8 (L2)Solve a problem that involves multiplication of decimals89.56N2, 6N8 (L2)Solve a problem that involves multiplication of decimals89.56N2 (L2)Estimate the solution to a subtraction problem73.76N2 (L3)Determine number expression represented by base ten blocks63.26N9 (L3)Apply the order of operations to solve a problem79.0Patterns and Relations6PR1 (L2)Identify the value of an unknown term in a table of values94.46PR1 (L3)Identify an error in a given table of values94.4  | 41.5  | 54.8                         |
| 6N7 (L3)Select integer that best fits description100.0Number Operations.100.06N8 (L2)Compute products of whole numbers and decimals100.06N8 (L2)Compute quotients of whole numbers and decimals84.26N8 (L3)Place decimal in correct position in a product of whole numbers and decimals94.76N2, 6N8 (L2)Solve a problem that involves division of decimals89.56N2, 6N8 (L2)Solve a problem that involves multiplication of decimals89.56N2 (L2)Estimate the solution to a subtraction problem73.76N2 (L3)Determine number expression represented by base ten blocks63.26N9 (L2)Apply the order of operations to solve a problem79.0Patterns and Relations6PR1 (L2)Identify the value of an unknown term in a table of values94.46PR1 (L3)Identify an error in a given table of values94.4   | 81.5  | 66.3                         |
| Number Operations.       100.0         6N8 (L2)       Compute products of whole numbers and decimals       100.0         6N2, 6N8 (L2)       Compute quotients of whole numbers and decimals       84.2         6N8 (L3)       Place decimal in correct position in a product of whole numbers and decimals       94.7         6N2, 6N8 (L2)       Solve a problem that involves division of decimals       89.5         6N2, 6N8 (L2)       Solve a problem that involves multiplication of decimals       89.5         6N2, 6N8 (L2)       Solve a problem that involves multiplication of decimals       89.5         6N2 (L2)       Estimate the solution to a subtraction problem       73.7         6N2 (L3)       Determine number expression represented by base ten blocks       63.2         6N9 (L3)       Apply the order of operations to solve a problem       79.0         Patterns and Relations.       94.4       94.4         6PR1 (L2)       Identify the value of an unknown term in a table of values       94.4   | 53.9  | 38.2                         |
| 6N8 (L2)Compute products of whole numbers and decimals100.06N2, 6N8 (L2)Compute quotients of whole numbers and decimals84.26N8 (L3)Place decimal in correct position in a product of whole numbers and decimals94.76N2, 6N8 (L2)Solve a problem that involves division of decimals89.56N2, 6N8 (L2)Solve a problem that involves multiplication of decimals89.56N2 (L2)Estimate the solution to a subtraction problem73.76N2 (L3)Determine number expression represented by base ten blocks63.26N9 (L3)Apply the order of operations to solve a problem79.0Patterns and Relations6PR1 (L2)Identify the value of an unknown term in a table of values94.46PR1 (L3)Identify an error in a given table of values94.4   | 87.7  | 71.9                         |
| 6N2, 6N8 (L2)Compute quotients of whole numbers and decimals84.26N8 (L3)Place decimal in correct position in a product of whole numbers and decimals94.76N2, 6N8 (L2)Solve a problem that involves division of decimals89.56N2, 6N8 (L2)Solve a problem that involves multiplication of decimals89.56N2 (L2)Solve a problem that involves multiplication of decimals89.56N2 (L2)Estimate the solution to a subtraction problem73.76N2 (L3)Determine number expression represented by base ten blocks63.26N9 (L3)Apply the order of operations to solve a problem79.0Patterns and Relations79.079.06PR1 (L2)Identify the value of an unknown term in a table of values94.46PR1 (L3)Identify an error in a given table of values94.4  |       |                              |
| 6N8 (L3)       Place decimal in correct position in a product of whole numbers and decimals       94.7         6N2, 6N8 (L2)       Solve a problem that involves division of decimals       89.5         6N2, 6N8 (L2)       Solve a problem that involves multiplication of decimals       89.5         6N2, 6N8 (L2)       Solve a problem that involves multiplication of decimals       89.5         6N2 (L2)       Estimate the solution to a subtraction problem       73.7         6N2 (L3)       Determine number expression represented by base ten blocks       63.2         6N9 (L3)       Apply the order of operations to solve a problem       63.2         6N9 (L2)       Apply the order of operations to solve a problem       79.0         Patterns and Relations         6PR1 (L2)       Identify the value of an unknown term in a table of values       94.4         6PR1 (L3)       Identify an error in a given table of values       94.4   | 95.5  | 83.1                         |
| 6N2, 6N8 (L2)       Solve a problem that involves division of decimals       89.5         6N2, 6N8 (L2)       Solve a problem that involves multiplication of decimals       89.5         6N2 (L2)       Estimate the solution to a subtraction problem       73.7         6N2 (L3)       Determine number expression represented by base ten blocks       63.2         6N9 (L3)       Apply the order of operations to solve a problem       79.0         Patterns and Relations       79.0         6PR1 (L2)       Identify the value of an unknown term in a table of values       94.4         6PR1 (L3)       Identify an error in a given table of values       94.4  | 89.4  | 64.5                         |
| 6N2, 6N8 (L2)       Solve a problem that involves multiplication of decimals       89.5         6N2 (L2)       Estimate the solution to a subtraction problem       73.7         6N2 (L3)       Determine number expression represented by base ten blocks       63.2         6N9 (L3)       Apply the order of operations to solve a problem       63.2         6N9 (L2)       Apply the order of operations to solve a problem       79.0         Patterns and Relations       6PR1 (L2)       Identify the value of an unknown term in a table of values       94.4         6PR1 (L3)       Identify an error in a given table of values       94.4  | 93.9  | 83.8                         |
| 6N2 (L2)       Estimate the solution to a subtraction problem       73.7         6N2 (L3)       Determine number expression represented by base ten blocks       63.2         6N9 (L3)       Apply the order of operations to solve a problem       63.2         6N9 (L2)       Apply the order of operations to solve a problem       79.0         Patterns and Relations         6PR1 (L2)       Identify the value of an unknown term in a table of values       94.4         6PR1 (L3)       Identify an error in a given table of values       94.4  | 92.4  | 71.0                         |
| 6N2 (L3)       Determine number expression represented by base ten blocks       63.2         6N9 (L3)       Apply the order of operations to solve a problem       63.2         6N9 (L2)       Apply the order of operations to solve a problem       79.0         Patterns and Relations         6PR1 (L2)       Identify the value of an unknown term in a table of values       94.4         6PR1 (L3)       Identify an error in a given table of values       94.4   | 78.8  | 64.1                         |
| 6N9 (L3)       Apply the order of operations to solve a problem       63.2         6N9 (L2)       Apply the order of operations to solve a problem       79.0         Patterns and Relations       6PR1 (L2)       Identify the value of an unknown term in a table of values       94.4         6PR1 (L3)       Identify an error in a given table of values       94.4  | 74.2  | 53.4                         |
| 6N9 (L2)       Apply the order of operations to solve a problem       79.0         Patterns and Relations       6PR1 (L2)       Identify the value of an unknown term in a table of values       94.4         6PR1 (L3)       Identify an error in a given table of values       94.4   | 65.2  | 56.7                         |
| Patterns and Relations     13.0       6PR1 (L2)     Identify the value of an unknown term in a table of values     94.4       6PR1 (L3)     Identify an error in a given table of values     94.4   | 65.2  | 50.1                         |
| 6PR1 (L2)     Identify the value of an unknown term in a table of values     94.4       6PR1 (L3)     Identify an error in a given table of values     94.4   | 62.1  | 49.7                         |
| 6PR1 (L3) Identify an error in a given table of values 94.4 94.4  |       |                              |
|   | 92.1  | 84.2                         |
| 6PR1, 6PR3 (L2) Write a mathematical expression for a situation 44.4  | 95.2  | 87.9                         |
|   | 34.9  | 24.4                         |
| 6PR3 (L2) Represent a pattern rule using a simple mathematical expression 72.2  | 69.8  | 53.5                         |
| 6PR3 (L2) Extend a pattern that is shown on a line graph 88.9   | 82.5  | 75.9                         |
| 6PR4 (L2)         Identifying an equivalent equation for a given equation         61.1  | 68.3  | 50.3                         |
| 6PR4 (L2)     Identifying an equivalent equation for a given model     33.3   | 25.4  | 28.9                         |
| 6PR1, 6PR2 (L2) Determine a mathematical expression for a situation and a table of values 66.7  | 47.6  | 31.9                         |
| Shape and Space   |       |                              |
| 6SS1 (L1) Classify a given angle according to its measure 94.4  | 96.8  | 82.5                         |
| 6SS1 (L1) Estimate the measure of an angle 94.4   | 98.4  | 85.9                         |
| 6SS2 (L2) Demonstrate the sum of interior angles of a triangle is 180° 100.0  | 87.3  | 72.7                         |
| 6SS2 (L2) Demonstrate the sum of interior angles of a quadrilateral is 360° 88.9  | 88.9  | 74.4                         |
| 6SS3 (L2) Find the perimeter and area of a given polygon 77.8   | 74.6  | 59.2                         |
| 6SS3 (L1) Find the volume of a given rectangular prism 72.2   | 61.9  | 43.1                         |
| 6SS4 (L1)     Identify a given triangle according to its angle measures     66.7  | 71.4  | 63.5                         |
| 6SS5 (L2) Sort a given set of polygons according to given attributes 83.3   | 76.2  | 57.4                         |
| 6SS4, 6SS5 (L1) Identify congruent triangles 88.9   | 81.0  | 77.1                         |
| 6SS8 (L1) Identify the coordinates of two given points on a Cartesian plane 77.8  | 74.6  | 68.9                         |
| 6SS6 (L1) Describe the combined transformations performed on a 2-D shape 88.9   | 87.3  | 74.4                         |
| 6SS9 (L1) Describe the single transformation performed on a 2-D shape 83.3  | 88.9  | 80.4                         |
| 6SS7 (L2) Identify the successive transformations performed to create a design 77.8   | 82.5  | 66.2                         |



(Item Analysis: % of content answered correctly)

#### District 803 - Private

School #: 450 St. Bonaventure's College, St. John's

Grades: K-12

| Outcome(s)<br>Cognitive Level       | Outcome Description  | <b>School</b><br>[N=25] | Region<br>[N=66] | <b>Province</b><br>[N=4,875] |
|-------------------------------------|--|-------------------------|------------------|------------------------------|
|                                     | Outcome Description  | [N=25]                  | [14=00]          | [11=4,075]                   |
| Number Concepts                     |  |                         |                  |                              |
| 6N1 (L1)                            | Identify the value of a digit in a given number  | 45.8                    | 70.8             | 68.2                         |
| 6N1 (L2)                            | Demonstrate an understanding of place value through base ten representations                         | 16.7                    | 27.7             | 38.1                         |
| 6N5 (L1)                            | Write and interpret ratios comparing part-to-whole   | 75.0                    | 72.3             | 59.7                         |
| 6N5 (L2)                            | Demonstrate an understanding of equivalent ratios  | 54.2                    | 63.1             | 48.4                         |
| 6N6 (L1)                            | Demonstrate an understanding of percent as ratio   | 54.2                    | 61.5             | 50.0                         |
| 6N6 (L3)                            | Demonstrate an understanding of percent as ratio   | 87.5                    | 89.2             | 84.1                         |
| 6N3 (L2)                            | Distinguish between prime and composite numbers  | 20.8                    | 41.5             | 54.8                         |
| 6N3 (L2)                            | Determine factors of a given number  | 79.2                    | 81.5             | 66.3                         |
| 6N4 (L1)                            | Place an improper fraction on a number line  | 45.8                    | 53.9             | 38.2                         |
| 6N7 (L3)                            | Select integer that best fits description  | 75.0                    | 87.7             | 71.9                         |
| Number Operations                   |  |                         |                  |                              |
| 6N8 (L2)                            | Compute products of whole numbers and decimals   | 92.0                    | 95.5             | 83.1                         |
| 6N2, 6N8 (L2)                       | Compute quotients of whole numbers and decimals  | 88.0                    | 89.4             | 64.5                         |
| 6N8 (L3)                            | Place decimal in correct position in a product of whole numbers and decimals                         | 88.0                    | 93.9             | 83.8                         |
| 6N2, 6N8 (L2)                       | Solve a problem that involves division of decimals   | 88.0                    | 92.4             | 71.0                         |
| 6N2, 6N8 (L2)                       | · · ·  | 60.0                    | 78.8             | 64.1                         |
| 6N2 (L2)                            | Solve a problem that involves multiplication of decimals   | 68.0                    | 74.2             | 53.4                         |
|                                     | Estimate the solution to a subtraction problem   | 56.0                    | 65.2             | 56.7                         |
| 6N2 (L3)                            | Determine number expression represented by base ten blocks   |                         |                  |                              |
| 6N9 (L3)<br>6N9 (L2)                | Apply the order of operations to solve a problem<br>Apply the order of operations to solve a problem | 60.0<br>52.0            | 65.2<br>62.1     | 50.1<br>49.7                 |
| Patterns and Relations<br>6PR1 (L2) | Identify the value of an unknown term in a table of values   | 91.3                    | 92.1             | 84.2                         |
| 6PR1 (L3)                           | Identify an error in a given table of values   | 95.7                    | 95.2             | 87.9                         |
| 6PR1, 6PR3 (L2)                     | Write a mathematical expression for a situation  | 13.0                    | 34.9             | 24.4                         |
| 6PR3 (L2)                           | Represent a pattern rule using a simple mathematical expression                                      | 56.5                    | 69.8             | 53.5                         |
| 6PR3 (L2)                           | Extend a pattern that is shown on a line graph   | 73.9                    | 82.5             | 75.9                         |
| 6PR4 (L2)                           | Identifying an equivalent equation for a given equation  | 65.2                    | 68.3             | 50.3                         |
| 6PR4 (L2)                           | Identifying an equivalent equation for a given model   | 39.1                    | 25.4             | 28.9                         |
| 6PR1, 6PR2 (L2)                     | Determine a mathematical expression for a situation and a table of values                            | 21.7                    | 47.6             | 31.9                         |
| Shape and Space                     |  |                         |                  |                              |
| 6SS1 (L1)                           | Classify a given angle according to its measure  | 100.0                   | 96.8             | 82.5                         |
| 6SS1 (L1)                           | Estimate the measure of an angle   | 100.0                   | 98.4             | 85.9                         |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a triangle is 180°   | 73.9                    | 87.3             | 72.7                         |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a quadrilateral is 360°                                    | 87.0                    | 88.9             | 74.4                         |
| 6SS3 (L2)                           | Find the perimeter and area of a given polygon   | 65.2                    | 74.6             | 59.2                         |
| 6SS3 (L1)                           | Find the volume of a given rectangular prism   | 26.1                    | 61.9             | 43.1                         |
| 6SS4 (L1)                           | Identify a given triangle according to its angle measures  | 60.9                    | 71.4             | 63.5                         |
| 6SS5 (L2)                           | Sort a given set of polygons according to given attributes   | 69.6                    | 76.2             | 57.4                         |
| 6SS4, 6SS5 (L1)                     | Identify congruent triangles   | 69.6                    | 81.0             | 77.1                         |
| 6SS8 (L1)                           | Identify the coordinates of two given points on a Cartesian plane                                    | 65.2                    | 74.6             | 68.9                         |
| 6SS6 (L1)                           | Describe the combined transformations performed on a 2-D shape                                       | 87.0                    | 87.3             | 74.4                         |
| 6SS9 (L1)                           | Describe the single transformation performed on a 2-D shape  | 95.7                    | 88.9             | 80.4                         |
| 6SS7 (L2)                           | Identify the successive transformations performed to create a design                                 | 82.6                    | 82.5             | 66.2                         |
|                                     |  | I                       | I                | 1                            |

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(Item Analysis: % of content answered correctly)

#### District 803 - Private

School #: 453 Eric G. Lambert All-Grade, Churchill Falls

Grades: K-12

| Outcome(s)   | Outcome Description  | School   | Region   | Province   |
|--|--|--|--|--|
| Cognitive Level  | Outcome Description  | [N=9]  | [N=66]   | [N=4,875]  |
| Number Concepts  |  |  |  |  |
| 6N1 (L1)   | Identify the value of a digit in a given number  | 88.9   | 70.8   | 68.2   |
| 6N1 (L2)   | Demonstrate an understanding of place value through base ten representations   | 55.6   | 27.7   | 38.1   |
| 6N5 (L1)   | Write and interpret ratios comparing part-to-whole   | 77.8   | 72.3   | 59.7   |
| 6N5 (L2)   | Demonstrate an understanding of equivalent ratios  | 100.0  | 63.1   | 48.4   |
| 6N6 (L1)   | Demonstrate an understanding of percent as ratio   | 66.7   | 61.5   | 50.0   |
| 6N6 (L3)   | Demonstrate an understanding of percent as ratio   | 88.9   | 89.2   | 84.1   |
| 6N3 (L2)   | Distinguish between prime and composite numbers  | 33.3   | 41.5   | 54.8   |
| 6N3 (L2)   | Determine factors of a given number  | 100.0  | 81.5   | 66.3   |
| 6N4 (L1)   | Place an improper fraction on a number line  | 44.4   | 53.9   | 38.2   |
| 6N7 (L3)   | Select integer that best fits description  | 88.9   | 87.7   | 71.9   |
| Number Operations  |  |  |  |  |
| 6N8 (L2)   | Compute products of whole numbers and decimals   | 88.9   | 95.5   | 83.1   |
| 6N2, 6N8 (L2)  | Compute quotients of whole numbers and decimals  | 88.9   | 89.4   | 64.5   |
| 6N8 (L3)   | Place decimal in correct position in a product of whole numbers and decimals   | 100.0  | 93.9   | 83.8   |
| 6N2, 6N8 (L2)  | Solve a problem that involves division of decimals   | 100.0  | 92.4   | 71.0   |
| 6N2, 6N8 (L2)  | Solve a problem that involves multiplication of decimals   | 77.8   | 78.8   | 64.1   |
| 6N2 (L2)   | Estimate the solution to a subtraction problem   | 66.7   | 74.2   | 53.4   |
| 6N2 (L3)   | Determine number expression represented by base ten blocks   | 66.7   | 65.2   | 56.7   |
| 0.12 (20)  |  | 55.6   | 65.2   | 50.1   |
| 6N9 (L3)   | Apply the order of operations to solve a problem   |  |  |  |
| 6N9 (L3)<br>6N9 (L2)   | Apply the order of operations to solve a problem<br>Apply the order of operations to solve a problem   | 22.2   | 62.1   | 49.7   |
|  |  |  |  |  |
| 6N9 (L2)   |  |  |  |  |
| 6N9 (L2) Patterns and Relations  | Apply the order of operations to solve a problem   | 22.2   | 62.1   | 49.7   |
| 6N9 (L2)<br><u>Patterns and Relations</u><br>6PR1 (L2)   | Apply the order of operations to solve a problem Identify the value of an unknown term in a table of values  | 22.2<br>77.8   | 62.1<br>92.1   | 49.7<br>84.2   |
| 6N9 (L2)<br><u>Patterns and Relations</u><br>6PR1 (L2)<br>6PR1 (L3)  | Apply the order of operations to solve a problem           Identify the value of an unknown term in a table of values           Identify an error in a given table of values   | 22.2<br>77.8<br>88.9   | 62.1<br>92.1<br>95.2   | 49.7<br>84.2<br>87.9   |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)  | Apply the order of operations to solve a problem           Identify the value of an unknown term in a table of values           Identify an error in a given table of values           Write a mathematical expression for a situation   | 22.2<br>77.8<br>88.9<br>0.0  | 62.1<br>92.1<br>95.2<br>34.9   | 49.7<br>84.2<br>87.9<br>24.4   |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression   | 22.2<br>77.8<br>88.9<br>0.0<br>66.7<br>77.8<br>66.7  | 62.1<br>92.1<br>95.2<br>34.9<br>69.8<br>82.5<br>68.3   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5   |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1 (L3)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model   | 22.2<br>77.8<br>88.9<br>0.0<br>66.7<br>77.8<br>66.7<br>11.1  | 62.1<br>92.1<br>95.2<br>34.9<br>69.8<br>82.5<br>68.3<br>25.4   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9   |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation  | 22.2<br>77.8<br>88.9<br>0.0<br>66.7<br>77.8<br>66.7  | 62.1<br>92.1<br>95.2<br>34.9<br>69.8<br>82.5<br>68.3   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3   |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>Shape and Space   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values   | 22.2<br>77.8<br>88.9<br>0.0<br>66.7<br>77.8<br>66.7<br>11.1<br>22.2  | 62.1<br>92.1<br>95.2<br>34.9<br>69.8<br>82.5<br>68.3<br>25.4<br>47.6   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9   |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>Shape and Space<br>6SS1 (L1)  | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure   | 22.2<br>77.8<br>88.9<br>0.0<br>66.7<br>77.8<br>66.7<br>11.1<br>22.2<br>100.0   | 62.1<br>92.1<br>95.2<br>34.9<br>69.8<br>82.5<br>68.3<br>25.4<br>47.6<br>96.8   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5   |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>5Phape and Space<br>6SS1 (L1)<br>6SS1 (L1)  | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle  | 22.2<br>77.8<br>88.9<br>0.0<br>66.7<br>77.8<br>66.7<br>11.1<br>22.2<br>100.0<br>100.0  | 62.1<br>92.1<br>95.2<br>34.9<br>69.8<br>82.5<br>68.3<br>25.4<br>47.6<br>96.8<br>98.4   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9   |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1 (L3)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>5Pape and Space<br>6SS1 (L1)<br>6SS2 (L2)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°   | 22.2<br>77.8<br>88.9<br>0.0<br>66.7<br>77.8<br>66.7<br>11.1<br>22.2<br>100.0<br>100.0<br>88.9  | 62.1<br>92.1<br>95.2<br>34.9<br>69.8<br>82.5<br>68.3<br>25.4<br>47.6<br>96.8<br>98.4<br>87.3   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7   |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>Shape and Space<br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS2 (L2)  | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°   | 22.2<br>77.8<br>88.9<br>0.0<br>66.7<br>77.8<br>66.7<br>11.1<br>22.2<br>100.0<br>100.0<br>88.9<br>88.9<br>88.9  | 62.1<br>92.1<br>95.2<br>34.9<br>69.8<br>82.5<br>68.3<br>25.4<br>47.6<br>96.8<br>98.4<br>87.3<br>88.9   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4   |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>Shape and Space<br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS3 (L2)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon  | 22.2<br>77.8<br>88.9<br>0.0<br>66.7<br>77.8<br>66.7<br>11.1<br>22.2<br>100.0<br>100.0<br>88.9<br>88.9<br>66.7  | 62.1<br>92.1<br>95.2<br>34.9<br>69.8<br>82.5<br>68.3<br>25.4<br>47.6<br>96.8<br>98.4<br>87.3<br>88.9<br>74.6   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2   |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>Shape and Space<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L1)  | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism   | 22.2<br>77.8<br>88.9<br>0.0<br>66.7<br>77.8<br>66.7<br>11.1<br>22.2<br>100.0<br>100.0<br>88.9<br>88.9<br>88.9<br>66.7<br>88.9  | 62.1<br>92.1<br>95.2<br>34.9<br>69.8<br>82.5<br>68.3<br>25.4<br>47.6<br>96.8<br>98.4<br>87.3<br>88.9<br>74.6<br>61.9   | 49.7<br>84.2<br>87.9<br>24.4<br>53.5<br>75.9<br>50.3<br>28.9<br>31.9<br>82.5<br>85.9<br>72.7<br>74.4<br>59.2<br>43.1   |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6SS1 (L1)<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L1)<br>6SS4 (L1)  | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures  | 22.2<br>77.8<br>88.9<br>0.0<br>66.7<br>77.8<br>66.7<br>11.1<br>22.2<br>100.0<br>100.0<br>88.9<br>88.9<br>88.9<br>66.7<br>88.9<br>88.9<br>77.8  | 62.1<br>92.1<br>95.2<br>34.9<br>69.8<br>82.5<br>68.3<br>25.4<br>47.6<br>96.8<br>98.4<br>87.3<br>88.9<br>74.6<br>61.9<br>71.4                                 | 49.7           84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5  |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br>5hape and Space<br>6SS1 (L1)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L1)<br>6SS4 (L1)<br>6SS5 (L2)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to given attributes  | 22.2<br>77.8<br>88.9<br>0.0<br>66.7<br>77.8<br>66.7<br>11.1<br>22.2<br>100.0<br>100.0<br>88.9<br>88.9<br>88.9<br>88.9<br>66.7<br>88.9<br>77.8<br>66.7  | 62.1<br>92.1<br>95.2<br>34.9<br>69.8<br>82.5<br>68.3<br>25.4<br>47.6<br>96.8<br>98.4<br>87.3<br>88.9<br>74.6<br>61.9<br>71.4<br>76.2                         | 49.7           84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5           57.4                               |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Period the perimeter and area of a given polygon         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to given attributes         Identify congruent triangles  | 22.2<br>77.8<br>88.9<br>0.0<br>66.7<br>77.8<br>66.7<br>11.1<br>22.2<br>100.0<br>100.0<br>88.9<br>88.9<br>88.9<br>66.7<br>88.9<br>66.7<br>88.9<br>77.8<br>66.7<br>88.9                          | 62.1<br>92.1<br>95.2<br>34.9<br>69.8<br>82.5<br>68.3<br>25.4<br>47.6<br>96.8<br>98.4<br>87.3<br>88.9<br>74.6<br>61.9<br>71.4<br>76.2<br>81.0                 | 49.7           84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5           57.4           77.1                |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br><b>Shape and Space</b><br>6SS1 (L1)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L1)<br>6SS4 (L1)<br>6SS5 (L2)<br>6SS5 (L2)<br>6SS8 (L1)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Permonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to its angle measures         Sort a given set of polygons according to given attributes         Identify the coordinates of two given points on a Cartesian plane  | 22.2<br>77.8<br>88.9<br>0.0<br>66.7<br>77.8<br>66.7<br>11.1<br>22.2<br>100.0<br>100.0<br>88.9<br>88.9<br>88.9<br>66.7<br>88.9<br>66.7<br>88.9<br>77.8<br>66.7<br>88.9<br>77.8                  | 62.1<br>92.1<br>95.2<br>34.9<br>69.8<br>82.5<br>68.3<br>25.4<br>47.6<br>96.8<br>98.4<br>87.3<br>88.9<br>74.6<br>61.9<br>71.4<br>76.2<br>81.0<br>74.6         | 49.7           84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5           57.4           77.1           68.9 |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Demonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given triangle according to its angle measures         Sort a given set of polygons according to given attributes         Identify the coordinates of two given points on a Cartesian plane         Describe the combined transformations performed on a 2-D shape | 22.2<br>77.8<br>88.9<br>0.0<br>66.7<br>77.8<br>66.7<br>11.1<br>22.2<br>100.0<br>100.0<br>100.0<br>88.9<br>88.9<br>88.9<br>66.7<br>88.9<br>66.7<br>88.9<br>77.8<br>66.7<br>88.9<br>77.8<br>66.7 | 62.1<br>92.1<br>95.2<br>34.9<br>69.8<br>82.5<br>68.3<br>25.4<br>47.6<br>96.8<br>98.4<br>87.3<br>88.9<br>74.6<br>61.9<br>71.4<br>76.2<br>81.0<br>74.6<br>87.3 | 49.7         84.2         87.9         24.4         53.5         75.9         50.3         28.9         31.9         82.5         85.9         72.7         74.4         59.2         43.1         63.5         57.4         77.1         68.9         74.4                        |
| 6N9 (L2)<br>Patterns and Relations<br>6PR1 (L2)<br>6PR1 (L3)<br>6PR1, 6PR3 (L2)<br>6PR3 (L2)<br>6PR3 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR4 (L2)<br>6PR1, 6PR2 (L2)<br><b>Shape and Space</b><br>6SS1 (L1)<br>6SS2 (L2)<br>6SS3 (L2)<br>6SS3 (L1)<br>6SS4 (L1)<br>6SS5 (L2)<br>6SS5 (L2)<br>6SS8 (L1)   | Apply the order of operations to solve a problem         Identify the value of an unknown term in a table of values         Identify an error in a given table of values         Write a mathematical expression for a situation         Represent a pattern rule using a simple mathematical expression         Extend a pattern that is shown on a line graph         Identifying an equivalent equation for a given equation         Identifying an equivalent equation for a given model         Determine a mathematical expression for a situation and a table of values         Classify a given angle according to its measure         Estimate the measure of an angle         Demonstrate the sum of interior angles of a triangle is 180°         Permonstrate the sum of interior angles of a quadrilateral is 360°         Find the perimeter and area of a given polygon         Find the volume of a given rectangular prism         Identify a given set of polygons according to its angle measures         Sort a given set of polygons according to given attributes         Identify the coordinates of two given points on a Cartesian plane  | 22.2<br>77.8<br>88.9<br>0.0<br>66.7<br>77.8<br>66.7<br>11.1<br>22.2<br>100.0<br>100.0<br>88.9<br>88.9<br>88.9<br>66.7<br>88.9<br>66.7<br>88.9<br>77.8<br>66.7<br>88.9<br>77.8                  | 62.1<br>92.1<br>95.2<br>34.9<br>69.8<br>82.5<br>68.3<br>25.4<br>47.6<br>96.8<br>98.4<br>87.3<br>88.9<br>74.6<br>61.9<br>71.4<br>76.2<br>81.0<br>74.6         | 49.7           84.2           87.9           24.4           53.5           75.9           50.3           28.9           31.9           82.5           85.9           72.7           74.4           59.2           43.1           63.5           57.4           77.1           68.9 |

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(Item Analysis: % of content answered correctly)

#### District 803 - Private

School #: 469 Immaculate Heart of Mary School, Corner Brook

Grades: K-10

| Outcome(s)                   |  | School | Region       | Province     |
|------------------------------|--|--------|--------------|--------------|
| Cognitive Level              | Outcome Description  | [N=11] | [N=66]       | [N=4,875]    |
| Number Concepts              |  |        |              |              |
| 6N1 (L1)                     | Identify the value of a digit in a given number                              | 100.0  | 70.8         | 68.2         |
| 6N1 (L2)                     | Demonstrate an understanding of place value through base ten representations | 0.0    | 27.7         | 38.1         |
| 6N5 (L1)                     | Write and interpret ratios comparing part-to-whole                           | 100.0  | 72.3         | 59.7         |
| 6N5 (L2)                     | Demonstrate an understanding of equivalent ratios                            | 100.0  | 63.1         | 48.4         |
| 6N6 (L1)                     | Demonstrate an understanding of percent as ratio                             | 100.0  | 61.5         | 50.0         |
| 6N6 (L3)                     | Demonstrate an understanding of percent as ratio                             | 100.0  | 89.2         | 84.1         |
| 6N3 (L2)                     | Distinguish between prime and composite numbers                              | 81.8   | 41.5         | 54.8         |
| 6N3 (L2)                     | Determine factors of a given number  | 90.9   | 81.5         | 66.3         |
| 6N4 (L1)                     | Place an improper fraction on a number line                                  | 100.0  | 53.9         | 38.2         |
| 6N7 (L3)                     | Select integer that best fits description                                    | 100.0  | 87.7         | 71.9         |
| Number Operations            |  |        |              |              |
| 6N8 (L2)                     | Compute products of whole numbers and decimals                               | 100.0  | 95.5         | 83.1         |
| 6N2, 6N8 (L2)                | Compute quotients of whole numbers and decimals                              | 100.0  | 89.4         | 64.5         |
| 6N8 (L3)                     | Place decimal in correct position in a product of whole numbers and decimals | 100.0  | 93.9         | 83.8         |
| 6N2, 6N8 (L2)                | Solve a problem that involves division of decimals                           | 100.0  | 92.4         | 71.0         |
| 6N2, 6N8 (L2)                | Solve a problem that involves multiplication of decimals                     | 100.0  | 78.8         | 64.1         |
| 6N2 (L2)                     | Estimate the solution to a subtraction problem                               | 100.0  | 74.2         | 53.4         |
| 6N2 (L3)                     | Determine number expression represented by base ten blocks                   | 81.8   | 65.2         | 56.7         |
| 6N9 (L3)                     | Apply the order of operations to solve a problem                             | 90.9   | 65.2         | 50.1         |
| 6N9 (L2)                     | Apply the order of operations to solve a problem                             | 90.9   | 62.1         | 49.7         |
| Patterns and Relations       |  |        |              |              |
| 6PR1 (L2)                    | Identify the value of an unknown term in a table of values                   | 100.0  | 92.1         | 84.2         |
| 6PR1 (L3)                    | Identify an error in a given table of values                                 | 100.0  | 95.2         | 87.9         |
| 6PR1, 6PR3 (L2)              | Write a mathematical expression for a situation                              | 100.0  | 34.9         | 24.4         |
| 6PR3 (L2)                    | Represent a pattern rule using a simple mathematical expression              | 100.0  | 69.8         | 53.5         |
| 6PR3 (L2)                    | Extend a pattern that is shown on a line graph                               | 100.0  | 82.5         | 75.9         |
| 6PR4 (L2)                    | Identifying an equivalent equation for a given equation                      | 100.0  | 68.3         | 50.3         |
| 6PR4 (L2)<br>6PR1, 6PR2 (L2) | Identifying an equivalent equation for a given model                         | 0.0    | 25.4<br>47.6 | 28.9<br>31.9 |
| Shape and Space              | Determine a mathematical expression for a situation and a table of values    | 100.0  | 47.0         | 51.5         |
| 6SS1 (L1)                    | Classify a given angle according to its measure                              | 100.0  | 96.8         | 82.5         |
| 6SS1 (L1)                    | Estimate the measure of an angle   | 100.0  | 98.4         | 85.9         |
| 6SS2 (L2)                    | Demonstrate the sum of interior angles of a triangle is 180°                 | 100.0  | 87.3         | 72.7         |
| 6SS2 (L2)                    | Demonstrate the sum of interior angles of a quadrilateral is 360°            | 100.0  | 88.9         | 74.4         |
| 6SS3 (L2)                    | Find the perimeter and area of a given polygon                               | 100.0  | 74.6         | 59.2         |
| 6SS3 (L1)                    | Find the volume of a given rectangular prism                                 | 100.0  | 61.9         | 43.1         |
| 6SS4 (L1)                    | Identify a given triangle according to its angle measures                    | 100.0  | 71.4         | 63.5         |
| 6SS5 (L2)                    | Sort a given set of polygons according to given attributes                   | 100.0  | 76.2         | 57.4         |
| 6SS4, 6SS5 (L1)              | Identify congruent triangles   | 100.0  | 81.0         | 77.1         |
| 6SS8 (L1)                    | Identify the coordinates of two given points on a Cartesian plane            | 90.9   | 74.6         | 68.9         |
| 6SS6 (L1)                    | Describe the combined transformations performed on a 2-D shape               | 100.0  | 87.3         | 74.4         |
| 6SS9 (L1)                    | Describe the single transformation performed on a 2-D shape                  | 100.0  | 88.9         | 80.4         |
| 6SS7 (L2)                    | Identify the successive transformations performed to create a design         | 100.0  | 82.5         | 66.2         |
|                              |  | 100.0  | 02.0         | 00.2         |

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Source: Division of Evaluation and Research, Department of Education and Early Childhood Development



(Item Analysis: % of content answered correctly)

District 804 - Native Federal

School #: 018 Sheshatshiu Innu School, Sheshatshiu

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| Outcome(s)                          |  | School | Region   | Province  |
|-------------------------------------|--|--------|----------|-----------|
| Cognitive Level                     | Outcome Description  | [N=13] | [N=15]   | [N=4,875] |
| Number Concepts                     |  |        |          |           |
| 6N1 (L1)                            | Identify the value of a digit in a given number                              | 41.7   | 73.3     | 68.2      |
| 6N1 (L2)                            | Demonstrate an understanding of place value through base ten representations | 0.0    | 26.7     | 38.1      |
| 6N5 (L1)                            | Write and interpret ratios comparing part-to-whole                           | 58.3   | 53.3     | 59.7      |
| 6N5 (L2)                            | Demonstrate an understanding of equivalent ratios                            | 8.3    | 20.0     | 48.4      |
| 6N6 (L1)                            | Demonstrate an understanding of percent as ratio                             | 16.7   | 60.0     | 50.0      |
| 6N6 (L3)                            | Demonstrate an understanding of percent as ratio                             | 66.7   | 73.3     | 84.1      |
| 6N3 (L2)                            | Distinguish between prime and composite numbers                              | 58.3   | 66.7     | 54.8      |
| 6N3 (L2)                            | Determine factors of a given number  | 16.7   | 93.3     | 66.3      |
| 6N4 (L1)                            | Place an improper fraction on a number line                                  | 8.3    | 13.3     | 38.2      |
| 6N7 (L3)                            | Select integer that best fits description                                    | 41.7   | 60.0     | 71.9      |
| Number Operations                   |  |        |          |           |
| 6N8 (L2)                            | Compute products of whole numbers and decimals                               | 38.5   | 85.7     | 83.1      |
| 6N2, 6N8 (L2)                       | Compute quotients of whole numbers and decimals                              | 76.9   | 78.6     | 64.5      |
| 6N8 (L3)                            | Place decimal in correct position in a product of whole numbers and decimals | 69.2   | 92.9     | 83.8      |
| 6N2, 6N8 (L2)                       | Solve a problem that involves division of decimals                           | 46.2   | 78.6     | 71.0      |
| 6N2, 6N8 (L2)                       | Solve a problem that involves multiplication of decimals                     | 61.5   | 71.4     | 64.1      |
| 6N2 (L2)                            | Estimate the solution to a subtraction problem                               | 46.2   | 57.1     | 53.4      |
| 6N2 (L3)                            | Determine number expression represented by base ten blocks                   | 30.8   | 57.1     | 56.7      |
| 6N9 (L3)                            | Apply the order of operations to solve a problem                             | 38.5   | 50.0     | 50.1      |
| 6N9 (L2)                            | Apply the order of operations to solve a problem                             | 23.1   | 42.9     | 49.7      |
| Patterns and Relations<br>6PR1 (L2) | Identify the value of an unknown term in a table of values                   | 30.0   | 93.3     | 84.2      |
| 6PR1 (L3)                           | Identify an error in a given table of values                                 | 40.0   | 86.7     | 87.9      |
| 6PR1, 6PR3 (L2)                     | Write a mathematical expression for a situation                              | 50.0   | 86.7     | 24.4      |
| 6PR3 (L2)                           | Represent a pattern rule using a simple mathematical expression              | 30.0   | 53.3     | 53.5      |
| 6PR3 (L2)                           | Extend a pattern that is shown on a line graph                               | 50.0   | 80.0     | 75.9      |
| 6PR4 (L2)                           | Identifying an equivalent equation for a given equation                      | 10.0   | 53.3     | 50.3      |
| 6PR4 (L2)                           | Identifying an equivalent equation for a given model                         | 10.0   | 26.7     | 28.9      |
| 6PR1, 6PR2 (L2)                     | Determine a mathematical expression for a situation and a table of values    | 60.0   | 60.0     | 31.9      |
| Shape and Space                     |  |        |          |           |
| 6SS1 (L1)                           | Classify a given angle according to its measure                              | 40.0   | 86.7     | 82.5      |
| 6SS1 (L1)                           | Estimate the measure of an angle   | 80.0   | 80.0     | 85.9      |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a triangle is 180°                 | 30.0   | 73.3     | 72.7      |
| 6SS2 (L2)                           | Demonstrate the sum of interior angles of a quadrilateral is 360°            | 50.0   | 73.3     | 74.4      |
| 6SS3 (L2)                           | Find the perimeter and area of a given polygon                               | 30.0   | 73.3     | 59.2      |
| 6SS3 (L1)                           | Find the volume of a given rectangular prism                                 | 10.0   | 53.3     | 43.1      |
| 6SS4 (L1)                           | Identify a given triangle according to its angle measures                    | 50.0   | 46.7     | 63.5      |
| 6SS5 (L2)                           | Sort a given set of polygons according to given attributes                   | 20.0   | 60.0     | 57.4      |
| 6SS4, 6SS5 (L1)                     | Identify congruent triangles   | 50.0   | 73.3     | 77.1      |
| 6SS8 (L1)                           | Identify the coordinates of two given points on a Cartesian plane            | 40.0   | 40.0     | 68.9      |
| 6SS6 (L1)                           | Describe the combined transformations performed on a 2-D shape               | 60.0   | 86.7     | 74.4      |
| 6SS9 (L1)                           | Describe the single transformation performed on a 2-D shape                  | 40.0   | 100.0    | 80.4      |
| 6SS7 (L2)                           | Identify the successive transformations performed to create a design         | 50.0   | 53.3     | 66.2      |
|                                     |  | 1      | <u> </u> |           |

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Source: Division of Evaluation and Research, Department of Education and Early Childhood Development

Mushuau Innu Natuashish and Peenamin McKenzie School are excluded from district and provincial results.

12/5/2014

9:54:50AM



Grades: K-12

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### Elementary Mathematics Provincial Assessment, June 2014 School Report - Multiple Choice Items

(Item Analysis: % of content answered correctly)

District 804 - Native Federal

School #: 376 Se't Anneway Kegnamogwom, Conne River

| Outcome(s)<br>Cognitive Level | Outcome Description  | School<br>[N=15] | Region<br>[N=15] | <b>Province</b><br>[N=4,875] |
|-------------------------------|--|------------------|------------------|------------------------------|
| Number Concepts               |  |                  |                  |                              |
| 6N1 (L1)                      | Identify the value of a digit in a given number                              | 73.3             | 73.3             | 68.2                         |
| 6N1 (L2)                      | Demonstrate an understanding of place value through base ten representations | 26.7             | 26.7             | 38.1                         |
| 6N5 (L1)                      | Write and interpret ratios comparing part-to-whole                           | 53.3             | 53.3             | 59.7                         |
| 6N5 (L2)                      | Demonstrate an understanding of equivalent ratios                            | 20.0             | 20.0             | 48.4                         |
| 6N6 (L1)                      | Demonstrate an understanding of percent as ratio                             | 60.0             | 60.0             | 50.0                         |
| 6N6 (L3)                      | Demonstrate an understanding of percent as ratio                             | 73.3             | 73.3             | 84.1                         |
| 6N3 (L2)                      | Distinguish between prime and composite numbers                              | 66.7             | 66.7             | 54.8                         |
| 6N3 (L2)                      | Determine factors of a given number  | 93.3             | 93.3             | 66.3                         |
| 6N4 (L1)                      | Place an improper fraction on a number line                                  | 13.3             | 13.3             | 38.2                         |
| 6N7 (L3)                      | Select integer that best fits description                                    | 60.0             | 60.0             | 71.9                         |
| Number Operations             |  |                  |                  |                              |
| 6N8 (L2)                      | Compute products of whole numbers and decimals                               | 85.7             | 85.7             | 83.1                         |
| 6N2, 6N8 (L2)                 | Compute quotients of whole numbers and decimals                              | 78.6             | 78.6             | 64.5                         |
| 6N8 (L3)                      | Place decimal in correct position in a product of whole numbers and decimals | 92.9             | 92.9             | 83.8                         |
| 6N2, 6N8 (L2)                 | Solve a problem that involves division of decimals                           | 78.6             | 78.6             | 71.0                         |
| 6N2, 6N8 (L2)                 | Solve a problem that involves multiplication of decimals                     | 71.4             | 71.4             | 64.1                         |
| 6N2 (L2)                      | Estimate the solution to a subtraction problem                               | 57.1             | 57.1             | 53.4                         |
| 6N2 (L3)                      | Determine number expression represented by base ten blocks                   | 57.1             | 57.1             | 56.7                         |
| 6N9 (L3)                      | Apply the order of operations to solve a problem                             | 50.0             | 50.0             | 50.1                         |
| 6N9 (L2)                      | Apply the order of operations to solve a problem                             | 42.9             | 42.9             | 49.7                         |
| Patterns and Relations        |  |                  |                  |                              |
| 6PR1 (L2)                     | Identify the value of an unknown term in a table of values                   | 93.3             | 93.3             | 84.2                         |
| 6PR1 (L3)                     | Identify an error in a given table of values                                 | 86.7             | 86.7             | 87.9                         |
| 6PR1, 6PR3 (L2)               | Write a mathematical expression for a situation                              | 86.7             | 86.7             | 24.4                         |
| 6PR3 (L2)                     | Represent a pattern rule using a simple mathematical expression              | 53.3             | 53.3             | 53.5                         |
| 6PR3 (L2)                     | Extend a pattern that is shown on a line graph                               | 80.0             | 80.0             | 75.9                         |
| 6PR4 (L2)                     | Identifying an equivalent equation for a given equation                      | 53.3             | 53.3             | 50.3                         |
| 6PR4 (L2)                     | Identifying an equivalent equation for a given model                         | 26.7             | 26.7             | 28.9                         |
| 6PR1, 6PR2 (L2)               | Determine a mathematical expression for a situation and a table of values    | 60.0             | 60.0             | 31.9                         |
| Shape and Space               |  |                  |                  |                              |
| 6SS1 (L1)                     | Classify a given angle according to its measure                              | 86.7             | 86.7             | 82.5                         |
| 6SS1 (L1)                     | Estimate the measure of an angle   | 80.0             | 80.0             | 85.9                         |
| 6SS2 (L2)                     | Demonstrate the sum of interior angles of a triangle is 180°                 | 73.3             | 73.3             | 72.7                         |
| 6SS2 (L2)                     | Demonstrate the sum of interior angles of a quadrilateral is 360°            | 73.3             | 73.3             | 74.4                         |
| 6SS3 (L2)                     | Find the perimeter and area of a given polygon                               | 73.3             | 73.3             | 59.2                         |
| 6SS3 (L1)                     | Find the volume of a given rectangular prism                                 | 53.3             | 53.3             | 43.1                         |
| 6SS4 (L1)                     | Identify a given triangle according to its angle measures                    | 46.7             | 46.7             | 63.5                         |
| 6SS5 (L2)                     | Sort a given set of polygons according to given attributes                   | 60.0             | 60.0             | 57.4                         |
| 6SS4, 6SS5 (L1)               | Identify congruent triangles   | 73.3             | 73.3             | 77.1                         |
| 6SS8 (L1)                     | Identify the coordinates of two given points on a Cartesian plane            | 40.0             | 40.0             | 68.9                         |
| 6SS6 (L1)                     | Describe the combined transformations performed on a 2-D shape               | 86.7             | 86.7             | 74.4                         |
| 6SS9 (L1)                     | Describe the single transformation performed on a 2-D shape                  | 100.0            | 100.0            | 80.4                         |
| 6SS7 (L2)                     | Identify the successive transformations performed to create a design         | 53.3             | 53.3             | 66.2                         |
|                               |  | 1                | I                | I                            |

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Source: Division of Evaluation and Research, Department of Education and Early Childhood Development