

# Curriculum Correlation

## Number Cluster 5: Number Relationships 2

Note: Codes to curriculum are for cross-referencing purposes only.

### Ontario

Curriculum Expectations	Mathology Grade 2 Classroom Activity Kit	Mathology Little Books	Pearson Canada K-3 Mathematics Learning Progression
<b>Overall Expectations</b> <b>Quantity Relationships:</b> read, represent, compare, and order whole numbers to 100, and use concrete materials to represent fractions and money amounts to 100¢ <b>Counting:</b> demonstrate an understanding of magnitude by counting forward to 200 and backwards from 50, using multiples of various numbers as starting points			
<b>N2.3</b> compose and decompose two-digit numbers in a variety of ways, using concrete materials  <b>N2.4</b> determine, using concrete materials, the ten that is nearest to a given two-digit number, and justify the answer  <b>N2.9</b> count forward by 1's, 2's, 5's, 10's, and 25's to 200, using number lines and hundreds charts, starting from multiples of 1, 2, 5, and 10  <b>N2.11</b> locate whole numbers to 100 on a number line and on a partial number line	<b>Below Grade: Intervention</b> 9: Making 20 10: The Other Part of 10  <b>On Grade: Teacher Cards</b> 22: Benchmarks on a Number Line (N2.4, N2.11) 23: Decomposing 50 (N2.3) 24: Jumping on the Number Line (N2.3, N2.9, N2.11) 25: Number Relationships 2 Consolidation (N2.3, N2.4, N2.9, N2.11)  <b>On Grade: Math Every Day Card 5A:</b> Which Ten is Nearer? (N2.4) Building Numbers (N2.3) <b>Card 5B:</b> How Many Ways? (N2.3) What's the Unknown Part? (N2.3)	<b>Below Grade:</b> <ul style="list-style-type: none"> <li>• Paddling the River (Activities 23, 25)</li> <li>• Family Fun Day (Activity 23)</li> </ul> <b>On Grade:</b> <ul style="list-style-type: none"> <li>• A Class-full of Projects (Activities 23, 25)</li> <li>• The Money Jar (Activities 24, 25)</li> <li>• Family Fun Day (Activity 25)</li> </ul> <b>Above Grade:</b> <ul style="list-style-type: none"> <li>• Finding Buster (Activities 23, 25)</li> </ul>	<b>Big Idea: Numbers are related in many ways.</b> Comparing and Ordering Quantities (Multitude and Magnitude) <ul style="list-style-type: none"> <li>- Compares and orders quantities and written numbers using benchmarks. (Activities 22, 25, MED 5A: 1)</li> </ul> Decomposing Wholes into Parts and Composing Wholes from Parts <ul style="list-style-type: none"> <li>- Composes two-digit numbers from parts (e.g., 14 and 14 is 28), and decomposes two-digit numbers into parts (e.g., 28 is 20 and 8). (Activities 23, 24, 25, MED 5A: 2, MED 5B: 1, 2)</li> </ul> <b>Big Idea: Quantities and numbers can be grouped by or partitioned into equal-sized units.</b> Utilizing Quantities into Ones, Tens, and Hundreds Place-Value Concepts <ul style="list-style-type: none"> <li>- Writes, reads, composes, and decomposes two-digit numbers as units of tens and leftover ones. (Activities 24, 25)</li> </ul> Utilizing Quantities and Comparing Units to the Whole <ul style="list-style-type: none"> <li>- Partitions into and skip-counts by equal-sized units and recognizes that the results will be the same when counted by ones (e.g., counting a set by 1s or by 5s gives the same result). (Activities 24, 25)</li> </ul>

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### British Columbia/Yukon Territories

Learning Standards	Mathology Grade 2 Classroom Activity Kit	Mathology Little Books	Pearson Canada K-3 Mathematics Learning Progression
<b>Big Idea</b> Numbers to 100 represent quantities that can be decomposed into 10s and 1s.			
Number concepts to 100 Counting <ul style="list-style-type: none"> <li>• <b>2.1</b> skip-counting by 2, 5, and 10:               <ul style="list-style-type: none"> <li>– <b>2.1a</b> using different starting points</li> <li>– <b>2.1b</b> increasing and decreasing (forward and backward)</li> </ul> </li> <li>• <b>2.2</b> Quantities to 100 can be arranged and recognized               <ul style="list-style-type: none"> <li>– <b>2.2a</b> comparing and ordering numbers to 100</li> <li>– <b>2.2b</b> benchmarks of 25, 50, and 100</li> </ul> </li> <li>• <b>2.7</b> decomposing numbers to 100</li> </ul> Addition and subtraction to 100 <ul style="list-style-type: none"> <li>• <b>2.11</b> using an open number line, hundred chart, ten-frames</li> </ul>	<b>Below Grade: Intervention</b> 9: Making 20 10: The Other Part of 10  <b>On Grade: Teacher Cards</b> 22: Benchmarks on a Number Line ( <b>2.2a, 2.2b</b> ) 23: Decomposing 50 ( <b>N2.7</b> ) 24: Jumping on the Number Line ( <b>2.1, 2.1a, 2.1b, 2.7, 2.11</b> ) 25: Number Relationships 2 Consolidation ( <b>2.1, 2.1a, 2.1b, 2.7, 2.11</b> )  <b>On Grade: Math Every Day Card 5A:</b> Which Ten is Nearer? ( <b>2.2a, 2.2b</b> ) Building Numbers ( <b>2.7</b> ) <b>Card 5B:</b> How Many Ways? ( <b>2.7</b> ) What's the Unknown Part? ( <b>2.7</b> )	<b>Below Grade:</b> <ul style="list-style-type: none"> <li>• Paddling the River (<b>Activities 23, 25</b>)</li> <li>• Family Fun Day (<b>Activity 23</b>)</li> </ul> <b>On Grade:</b> <ul style="list-style-type: none"> <li>• A Class-full of Projects (<b>Activities 23, 25</b>)</li> <li>• The Money Jar (<b>Activities 24, 25</b>)</li> <li>• Family Fun Day (<b>Activity 25</b>)</li> </ul> <b>Above Grade:</b> <ul style="list-style-type: none"> <li>• Finding Buster (<b>Activities 23, 25</b>)</li> </ul>	<b>Big Idea: Numbers are related in many ways.</b> Comparing and Ordering Quantities (Multitude and Magnitude) <ul style="list-style-type: none"> <li>- Compares and orders quantities and written numbers using benchmarks. (<b>Activities 22, 25, MED 5A: 1</b>)</li> </ul> Decomposing Wholes into Parts and Composing Wholes from Parts <ul style="list-style-type: none"> <li>- Composes two-digit numbers from parts (e.g., 14 and 14 is 28), and decomposes two-digit numbers into parts (e.g., 28 is 20 and 8). (<b>Activities 23, 24, 25, MED 5A: 2, MED 5B: 1, 2</b>)</li> </ul> <b>Big Idea: Quantities and numbers can be grouped by or partitioned into equal-sized units.</b> Unitizing Quantities into Ones, Tens, and Hundreds Place-Value Concepts <ul style="list-style-type: none"> <li>- Writes, reads, composes, and decomposes two-digit numbers as units of tens and leftover ones. (<b>Activities 24, 25</b>)</li> </ul> Unitizing Quantities and Comparing Units to the Whole <ul style="list-style-type: none"> <li>- Partitions into and skip-counts by equal-sized units and recognizes that the results will be the same when counted by ones (e.g., counting a set by 1s or by 5s gives the same result). (<b>Activities 24, 25</b>)</li> </ul>

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New Brunswick/Prince Edward Island/Newfoundland and Labrador

Specific Outcomes	Mathology Grade 2 Classroom Activity Kit	Mathology Little Books	Pearson Canada K-3 Mathematics Learning Progression
<b>General Outcome</b> Develop number sense			
<b>N1</b> Say the number sequence from 0 to 100 by: <ul style="list-style-type: none"> <li><b>2N1.1</b> 2s, 5s and 10s, forward and backward, using starting points that are multiples of 2, 5 and 10 respectively</li> </ul>	<b>Below Grade: Intervention</b> 9: Making 20 10: The Other Part of 10  <b>On Grade: Teacher Cards</b> 22: Benchmarks on a Number Line 23: Decomposing 50 (2N4) 24: Jumping on the Number Line (2N1.1, 2N4) 25: Number Relationships 2 Consolidation (2N1.1, 2N4)  <b>On Grade: Math Every Day Card 5A:</b> Which Ten is Nearer? (2N5) Building Numbers (2N4) <b>Card 5B:</b> How Many Ways? (2N4) What's the Unknown Part? (2N4)	<b>Below Grade:</b> <ul style="list-style-type: none"> <li>Paddling the River (Activities 23, 25)</li> <li>Family Fun Day (Activity 23)</li> </ul> <b>On Grade:</b> <ul style="list-style-type: none"> <li>A Class-full of Projects (Activities 23, 25)</li> <li>The Money Jar (Activities 24, 25)</li> <li>Family Fun Day (Activity 25)</li> </ul> <b>Above Grade:</b> <ul style="list-style-type: none"> <li>Finding Buster (Activities 23, 25)</li> </ul>	<b>Big Idea: Numbers are related in many ways.</b> Comparing and Ordering Quantities (Multitude and Magnitude) - Compares and orders quantities and written numbers using benchmarks. (Activities 22, 25, MED 5A: 1) Decomposing Wholes into Parts and Composing Wholes from Parts - Composes two-digit numbers from parts (e.g., 14 and 14 is 28), and decomposes two-digit numbers into parts (e.g., 28 is 20 and 8). (Activities 23, 24, 25, MED 5A: 2, MED 5B: 1, 2)  <b>Big Idea: Quantities and numbers can be grouped by or partitioned into equal-sized units.</b> Unitizing Quantities into Ones, Tens, and Hundreds Place-Value Concepts - Writes, reads, composes, and decomposes two-digit numbers as units of tens and leftover ones. (Activities 24, 25) Unitizing Quantities and Comparing Units to the Whole - Partitions into and skip-counts by equal-sized units and recognizes that the results will be the same when counted by ones (e.g., counting a set by 1s or by 5s gives the same result). (Activities 24, 25)

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### Manitoba

Specific Outcomes	Mathology Grade 2 Classroom Activity Kit	Mathology Little Books	Pearson Canada K-3 Mathematics Learning Progression
<b>General Outcome</b> Develop number sense			
<b>2.N.1</b> Say the number sequence from 0 to 100 by <ul style="list-style-type: none"> <li><b>2.N.1.1</b> 2s, 5s and 10s, forward and backward, using starting points that are multiples of 2, 5 and 10 respectively</li> </ul>	<b>Below Grade: Intervention</b> 9: Making 20 10: The Other Part of 10  <b>On Grade: Teacher Cards</b> 22: Benchmarks on a Number Line 23: Decomposing 50 (2.N.4) 24: Jumping on the Number Line (2.N.1.1, 2.N.4) 25: Number Relationships 2 Consolidation (2.N.1.1, 2.N.4)	<b>Below Grade:</b> <ul style="list-style-type: none"> <li>Paddling the River (Activities 23, 25)</li> <li>Family Fun Day (Activity 23)</li> </ul> <b>On Grade:</b> <ul style="list-style-type: none"> <li>A Class-full of Projects (Activities 23, 25)</li> <li>The Money Jar (Activities 24, 25)</li> <li>Family Fun Day (Activity 25)</li> </ul>	<b>Big Idea: Numbers are related in many ways.</b> Comparing and Ordering Quantities (Multitude and Magnitude) <ul style="list-style-type: none"> <li>Compares and orders quantities and written numbers using benchmarks. (Activities 22, 25, MED 5A: 1)</li> </ul> Decomposing Wholes into Parts and Composing Wholes from Parts <ul style="list-style-type: none"> <li>Composes two-digit numbers from parts (e.g., 14 and 14 is 28), and decomposes two-digit numbers into parts (e.g., 28 is 20 and 8). (Activities 23, 24, 25, MED 5A: 2, MED 5B: 1, 2)</li> </ul>
<b>2.N.4</b> Represent and describe numbers to 100, concretely, pictorially, and symbolically.			<b>Big Idea: Quantities and numbers can be grouped by or partitioned into equal-sized units.</b> Unitizing Quantities into Ones, Tens, and Hundreds Place-Value Concepts <ul style="list-style-type: none"> <li>Writes, reads, composes, and decomposes two-digit numbers as units of tens and leftover ones. (Activities 24, 25)</li> </ul>
<b>2.N.5</b> Compare and order numbers up to 100.	<b>On Grade: Math Every Day</b> <b>Card 5A:</b> Which Ten is Nearer? (2.N.5) Building Numbers (2.N.4) <b>Card 5B:</b> How Many Ways? (2.N.4) What's the Unknown Part? (2.N.4)	<b>Above Grade:</b> <ul style="list-style-type: none"> <li>Finding Buster (Activities 23, 25)</li> </ul>	Unitizing Quantities and Comparing Units to the Whole <ul style="list-style-type: none"> <li>Partitions into and skip-counts by equal-sized units and recognizes that the results will be the same when counted by ones (e.g., counting a set by 1s or by 5s gives the same result). (Activities 24, 25)</li> </ul>

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### Nova Scotia

Specific Outcomes	Mathology Grade 2 Classroom Activity Kit	Mathology Little Books	Pearson Canada K-3 Mathematics Learning Progression
<b>General Outcome</b> Students will be expected to demonstrate number sense.			
<b>2N01</b> Students will be expected to say the number sequence by <ul style="list-style-type: none"> <li><b>2N01.1</b> 1s, forward and backward, starting from any point to 200</li> <li><b>2N01.2</b> 2s, forward and backward, starting from any point to 100</li> <li><b>2N01.3</b> 5s and 10s, forward and backward, using starting points that are multiples of 5 and 10 respectively to 100</li> </ul>	<b>Below Grade: Intervention</b> 9: Making 20 10: The Other Part of 10  <b>On Grade: Teacher Cards</b> 22: Benchmarks on a Number Line 23: Decomposing 50 (2N04) 24: Jumping on the Number Line (2N01.1, 2N01.2, 2N01.3, 2N04) 25: Number Relationships 2 Consolidation (2N01.1, 2N01.2, 2N01.3, 2N04)	<b>Below Grade:</b> <ul style="list-style-type: none"> <li>Paddling the River (Activities 23, 25)</li> <li>Family Fun Day (Activity 23)</li> </ul> <b>On Grade:</b> <ul style="list-style-type: none"> <li>A Class-full of Projects (Activities 23, 25)</li> <li>The Money Jar (Activities 24, 25)</li> <li>Family Fun Day (Activity 25)</li> </ul> <b>Above Grade:</b> <ul style="list-style-type: none"> <li>Finding Buster (Activities 23, 25)</li> </ul>	<b>Big Idea: Numbers are related in many ways.</b> Comparing and Ordering Quantities (Multitude and Magnitude) <ul style="list-style-type: none"> <li>- Compares and orders quantities and written numbers using benchmarks. (Activities 22, 25, MED 5A: 1)</li> </ul> Decomposing Wholes into Parts and Composing Wholes from Parts <ul style="list-style-type: none"> <li>- Composes two-digit numbers from parts (e.g., 14 and 14 is 28), and decomposes two-digit numbers into parts (e.g., 28 is 20 and 8). (Activities 23, 24, 25, MED 5A: 2, MED 5B: 1, 2)</li> </ul> <b>Big Idea: Quantities and numbers can be grouped by or partitioned into equal-sized units.</b> Utilizing Quantities into Ones, Tens, and Hundreds Place-Value Concepts <ul style="list-style-type: none"> <li>- Writes, reads, composes, and decomposes two-digit numbers as units of tens and leftover ones. (Activities 24, 25)</li> </ul> Utilizing Quantities and Comparing Units to the Whole <ul style="list-style-type: none"> <li>- Partitions into and skip-counts by equal-sized units and recognizes that the results will be the same when counted by ones (e.g., counting a set by 1s or by 5s gives the same result). (Activities 24, 25)</li> </ul>
<b>2N04</b> Students will be expected to represent and partition numbers to 100.	<b>On Grade: Math Every Day Card 5A:</b> Which Ten is Nearer? (2N05) Building Numbers (2N04)		
<b>2N05</b> Students will be expected to compare and order numbers up to 100.	<b>Card 5B:</b> How Many Ways? (2N04) What's the Unknown Part? (2N04)		



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### Alberta/Northwest Territories/Nunavut

Specific Outcomes	Mathology Grade 2 Classroom Activity Kit	Mathology Little Books	Pearson Canada K-3 Mathematics Learning Progression
<b>General Outcome</b> Develop number sense			
<b>2N1</b> Say the number sequence 0 to 100 by: <ul style="list-style-type: none"> <li>• <b>2N1.1</b> 2s, 5s and 10s, forward and backward, using starting points that are multiples of 2, 5 and 10 respectively</li> </ul>	<b>Below Grade: Intervention</b> 9: Making 20 10: The Other Part of 10  <b>On Grade: Teacher Cards</b> 22: Benchmarks on a Number Line 23: Decomposing 50 (2N4) 24: Jumping on the Number Line (2N1.1, 2N4) 25: Number Relationships 2 Consolidation (2N1.1, 2N4)	<b>Below Grade:</b> <ul style="list-style-type: none"> <li>• Paddling the River (Activities 23, 25)</li> <li>• Family Fun Day (Activity 23)</li> </ul> <b>On Grade:</b> <ul style="list-style-type: none"> <li>• A Class-full of Projects (Activities 23, 25)</li> <li>• The Money Jar (Activities 24, 25)</li> <li>• Family Fun Day (Activity 25)</li> </ul>	<b>Big Idea: Numbers are related in many ways.</b> Comparing and Ordering Quantities (Multitude and Magnitude) <ul style="list-style-type: none"> <li>- Compares and orders quantities and written numbers using benchmarks. (Activities 22, 25, MED 5A: 1)</li> </ul> Decomposing Wholes into Parts and Composing Wholes from Parts <ul style="list-style-type: none"> <li>- Composes two-digit numbers from parts (e.g., 14 and 14 is 28), and decomposes two-digit numbers into parts (e.g., 28 is 20 and 8). (Activities 23, 24, 25, MED 5A: 2, MED 5B: 1, 2)</li> </ul>
<b>2N4</b> Represent and describe numbers to 100, concretely, pictorially and symbolically.	<b>On Grade: Math Every Day Card 5A:</b> Which Ten is Nearer? (2N5) Building Numbers (2N4) <b>Card 5B:</b> How Many Ways? (2N4) What's the Unknown Part? (2N4)	<b>Above Grade:</b> <ul style="list-style-type: none"> <li>• Finding Buster (Activities 23, 25)</li> </ul>	<b>Big Idea: Quantities and numbers can be grouped by or partitioned into equal-sized units.</b> Unitizing Quantities into Ones, Tens, and Hundreds Place-Value Concepts <ul style="list-style-type: none"> <li>- Writes, reads, composes, and decomposes two-digit numbers as units of tens and leftover ones. (Activities 24, 25)</li> </ul> Unitizing Quantities and Comparing Units to the Whole <ul style="list-style-type: none"> <li>- Partitions into and skip-counts by equal-sized units and recognizes that the results will be the same when counted by ones (e.g., counting a set by 1s or by 5s gives the same result). (Activities 24, 25)</li> </ul>
<b>2N5</b> Compare and order numbers up to 100.			

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### Saskatchewan

Specific Outcomes	Mathology Grade 2 Classroom Activity Kit	Mathology Little Books	Pearson Canada K-3 Mathematics Learning Progression
<b>Goals</b> Spatial Sense, Logical Thinking, Mathematics as a Human Endeavour			
<b>N2.1</b> Demonstrate understanding of whole numbers to 100 (concretely, pictorially, physically, orally, in writing, and symbolically) by: <ul style="list-style-type: none"> <li>• <b>N2.1.1</b> representing (including place value)</li> <li>• <b>N2.1.2</b> describing</li> <li>• <b>N2.1.3</b> skip counting</li> <li>• <b>N2.1.4</b> differentiating between odd and even numbers</li> <li>• <b>N2.1.5</b> estimating with referents</li> <li>• <b>N2.1.6</b> comparing two numbers</li> <li>• <b>N2.1.7</b> ordering three or more numbers</li> </ul>	<b>Below Grade: Intervention</b> 9: Making 20 10: The Other Part of 10  <b>On Grade: Teacher Cards</b> 22: Benchmarks on a Number Line 23: Decomposing 50 ( <b>N2.1.1</b> , <b>N2.1.2</b> ) 24: Jumping on the Number Line ( <b>N2.1.1</b> , <b>N2.1.2</b> , <b>N2.1.3</b> ) 25: Number Relationships 2 Consolidation ( <b>N2.1.1</b> , <b>N2.1.2</b> , <b>N2.1.3</b> )  <b>On Grade: Math Every Day Card 5A:</b> Which Ten is Nearer? ( <b>N2.1.6</b> ) Building Numbers ( <b>N2.1.1</b> , <b>N2.1.2</b> ) <b>Card 5B:</b> How Many Ways? ( <b>N2.1.1</b> , <b>N2.1.2</b> ) What's the Unknown Part? ( <b>N2.1.1</b> , <b>N2.1.2</b> )	<b>Below Grade:</b> <ul style="list-style-type: none"> <li>• Paddling the River (<b>Activities 23, 25</b>)</li> <li>• Family Fun Day (<b>Activity 23</b>)</li> </ul> <b>On Grade:</b> <ul style="list-style-type: none"> <li>• A Class-full of Projects (<b>Activities 23, 25</b>)</li> <li>• The Money Jar (<b>Activities 24, 25</b>)</li> <li>• Family Fun Day (<b>Activity 25</b>)</li> </ul> <b>Above Grade:</b> <ul style="list-style-type: none"> <li>• Finding Buster (<b>Activities 23, 25</b>)</li> </ul>	<b>Big Idea: Numbers are related in many ways.</b> Comparing and Ordering Quantities (Multitude and Magnitude) <ul style="list-style-type: none"> <li>- Compares and orders quantities and written numbers using benchmarks. (<b>Activities 22, 25</b>, <b>MED 5A: 1</b>)</li> </ul> Decomposing Wholes into Parts and Composing Wholes from Parts <ul style="list-style-type: none"> <li>- Composes two-digit numbers from parts (e.g., 14 and 14 is 28), and decomposes two-digit numbers into parts (e.g., 28 is 20 and 8). (<b>Activities 23, 24, 25</b>, <b>MED 5A: 2</b>, <b>MED 5B: 1, 2</b>)</li> </ul> <b>Big Idea: Quantities and numbers can be grouped by or partitioned into equal-sized units.</b> Unitizing Quantities into Ones, Tens, and Hundreds Place-Value Concepts <ul style="list-style-type: none"> <li>- Writes, reads, composes, and decomposes two-digit numbers as units of tens and leftover ones. (<b>Activities 24, 25</b>)</li> </ul> Unitizing Quantities and Comparing Units to the Whole <ul style="list-style-type: none"> <li>- Partitions into and skip-counts by equal-sized units and recognizes that the results will be the same when counted by ones (e.g., counting a set by 1s or by 5s gives the same result). (<b>Activities 24, 25</b>)</li> </ul>