**Curriculum Correlation**

**Master 60a**

**Number Cluster 5: Number Relationships 2**

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

**Ontario**

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| **Curriculum Expectations** | **Mathology Grade 2 Classroom Activity Kit** | **Mathology Little Books** | **Pearson Canada K-3 Mathematics Learning Progression** |
| **Overall Expectations**  **Quantity Relationships:** read, represent, compare, and order whole numbers to 100, and use concrete materials to represent fractions and money amounts to 100¢  **Counting:** demonstrate an understanding of magnitude by counting forward to 200 and backwards from 50, using multiples of various numbers as starting points | | | |
| **N2.3** compose and decompose two-digit numbers in a variety of ways, using concrete  materials  **N2.4** determine, using concrete materials, the  ten that is nearest to a given two-digit number, and justify the answer  **N2.9** 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  **N2.11** locate whole numbers to 100 on a number line and on a partial number line | **Below Grade: Intervention**  9: Making 20  10: The Other Part of 10  **On Grade: Teacher Cards**  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)  **On Grade: Math Every Day**  **Card 5A:** Which Ten is Nearer? (N2.4)  Building Numbers (N2.3)  **Card 5B:** How Many Ways? (N2.3)  What’s the Unknown Part? (N2.3) | **Below Grade:**   * Paddling the River  (Activities 23, 25) * Family Fun Day  (Activity 23)   **On Grade:**   * A Class-full of Projects (Activities 23, 25) * The Money Jar  (Activities 24, 25) * Family Fun Day  (Activity 25)   **Above Grade:**   * Finding Buster  (Activities 23, 25) | **Big Idea: Numbers are related in many ways.** |
| 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) |
| **Big Idea: Quantities and numbers can be grouped**  **by or partitioned into equal-sized units.** |
| 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) |

**Curriculum Correlation**

**Master 60b**

**Number Cluster 5: Number Relationships 2**

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

**British Columbia/Yukon Territories**

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| **Learning Standards** | **Mathology Grade 2 Classroom Activity Kit** | **Mathology Little Books** | **Pearson Canada K-3 Mathematics Learning Progression** |
| **Big Idea**  Numbers to 100 represent quantities that can be decomposed into 10s and 1s. | | | |
| Number concepts to 100  Counting   * + **2.1** skip-counting by 2, 5, and 10:   – **2.1a** using different starting points  – **2.1b** increasing and decreasing (forward and backward)   * **2.2** Quantities to 100 can be arranged and recognized   – **2.2a** comparing and ordering numbers to 100  – **2.2b** benchmarks of 25, 50, and 100   * **2.7** decomposing numbers to 100   Addition and subtraction to 100   * **2.11** using an open number line, hundred chart, ten-frames | **Below Grade: Intervention**  9: Making 20  10: The Other Part of 10  **On Grade: Teacher Cards**  22: Benchmarks on a Number Line (2.2a, 2.2b)  23: Decomposing 50 (N2.7)  24: Jumping on the Number Line (2.1, 2.1a, 2.1b, 2.7, 2.11)  25: Number Relationships 2 Consolidation (2.1, 2.1a, 2.1b, 2.7, 2.11)  **On Grade: Math Every Day**  **Card 5A:** Which Ten is Nearer? (2.2a, 2.2b)  Building Numbers (2.7)  **Card 5B:** How Many Ways? (2.7)  What’s the Unknown Part? (2.7) | **Below Grade:**   * Paddling the River  (Activities 23, 25) * Family Fun Day  (Activity 23)   **On Grade:**   * A Class-full of Projects (Activities 23, 25) * The Money Jar  (Activities 24, 25) * Family Fun Day  (Activity 25)   **Above Grade:**   * Finding Buster  (Activities 23, 25) | **Big Idea: Numbers are related in many ways.** |
| 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) |
| **Big Idea: Quantities and numbers can be grouped**  **by or partitioned into equal-sized units.** |
| 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) |

**Curriculum Correlation**

**Master 60c**

**Number Cluster 5: Number Relationships 2**

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

**New Brunswick/Prince Edward Island/Newfoundland and Labrador**

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| **Specific Outcomes** | **Mathology Grade 2 Classroom Activity Kit** | **Mathology Little Books** | **Pearson Canada K-3 Mathematics Learning Progression** |
| **General Outcome**  Develop number sense | | | |
| **N1** Say the number sequence from 0 to 100 by:   * **2N1.1** 2s, 5s and 10s, forward and backward, using starting points that are multiples of 2, 5 and 10 respectively   **2N4** Represent and describe numbers to 100, concretely, pictorially and symbolically.  **2N5** Compare and order numbers up to 100. | **Below Grade: Intervention**  9: Making 20  10: The Other Part of 10  **On Grade: Teacher Cards**  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)  **On Grade: Math Every Day**  **Card 5A:** Which Ten is Nearer? (2N5)  Building Numbers (2N4)  **Card 5B:** How Many Ways? (2N4)  What’s the Unknown Part? (2N4) | **Below Grade:**   * Paddling the River  (Activities 23, 25) * Family Fun Day  (Activity 23)   **On Grade:**   * A Class-full of Projects (Activities 23, 25) * The Money Jar  (Activities 24, 25) * Family Fun Day  (Activity 25)   **Above Grade:**   * Finding Buster  (Activities 23, 25) | **Big Idea: Numbers are related in many ways.** |
| 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) |
| **Big Idea: Quantities and numbers can be grouped**  **by or partitioned into equal-sized units.** |
| 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) |

**Curriculum Correlation**

**Master 60d**

**Number Cluster 5: Number Relationships 2**

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

**Manitoba**

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| **Specific Outcomes** | **Mathology Grade 2 Classroom Activity Kit** | **Mathology Little Books** | **Pearson Canada K-3 Mathematics Learning Progression** |
| **General Outcome**  Develop number sense | | | |
| **2.N.1** Say the number sequence from 0 to 100 by   * **2.N.1.1** 2s, 5s and 10s, forward and backward, using starting points that are multiples of 2, 5 and 10 respectively   **2.N.4** Represent and describe numbers to 100, concretely, pictorially, and symbolically.  **2.N.5** Compare and order numbers up to 100. | **Below Grade: Intervention**  9: Making 20  10: The Other Part of 10  **On Grade: Teacher Cards**  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)  **On Grade: Math Every Day**  **Card 5A:** Which Ten is Nearer? (2.N.5)  Building Numbers (2.N.4)  **Card 5B:** How Many Ways? (2.N.4)  What’s the Unknown Part? (2.N.4) | **Below Grade:**   * Paddling the River  (Activities 23, 25) * Family Fun Day  (Activity 23)   **On Grade:**   * A Class-full of Projects (Activities 23, 25) * The Money Jar  (Activities 24, 25) * Family Fun Day  (Activity 25)   **Above Grade:**   * Finding Buster  (Activities 23, 25) | **Big Idea: Numbers are related in many ways.** |
| 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) |
| **Big Idea: Quantities and numbers can be grouped**  **by or partitioned into equal-sized units.** |
| 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) |

**Curriculum Correlation**

**Master 60e**

**Number Cluster 5: Number Relationships 2**

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

**Nova Scotia**

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| **Specific Outcomes** | **Mathology Grade 2 Classroom Activity Kit** | **Mathology Little Books** | **Pearson Canada K-3 Mathematics Learning Progression** |
| **General Outcome**  Students will be expected to demonstrate number sense. | | | |
| **2N01** Students will be expected to say the number sequence by   * **2N01.1** 1s, forward and backward, starting from any point to 200 * **2N01.2** 2s, forward and backward, starting from any point to 100 * **2N01.3** 5s and 10s, forward and backward, using starting points that are multiples of 5 and 10 respectively to 100   **2N04** Students will be expected to represent and partition numbers to 100.  **2N05** Students will be expected to compare and order numbers up to 100. | **Below Grade: Intervention**  9: Making 20  10: The Other Part of 10  **On Grade: Teacher Cards**  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)  **On Grade: Math Every Day**  **Card 5A:** Which Ten is Nearer? (2N05)  Building Numbers (2N04)  **Card 5B:** How Many Ways? (2N04)  What’s the Unknown Part? (2N04) | **Below Grade:**   * Paddling the River  (Activities 23, 25) * Family Fun Day  (Activity 23)   **On Grade:**   * A Class-full of Projects (Activities 23, 25) * The Money Jar  (Activities 24, 25) * Family Fun Day  (Activity 25)   **Above Grade:**   * Finding Buster  (Activities 23, 25) | **Big Idea: Numbers are related in many ways.** |
| 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) |
| **Big Idea: Quantities and numbers can be grouped**  **by or partitioned into equal-sized units.** |
| 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) |

**Curriculum Correlation**

**Master 60f**

**Number Cluster 5: Number Relationships 2**

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

**Alberta/Northwest Territories/Nunavut**

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| **Specific Outcomes** | **Mathology Grade 2 Classroom Activity Kit** | **Mathology Little Books** | **Pearson Canada K-3 Mathematics Learning Progression** |
| **General Outcome**  Develop number sense | | | |
| **2N1** Say the number sequence 0 to 100 by:   * **2N1.1** 2s, 5s and 10s, forward and backward, using starting points that are multiples of 2, 5 and 10 respectively   **2N4** Represent and describe numbers to 100, concretely, pictorially and symbolically.  **2N5** Compare and order numbers up to 100. | **Below Grade: Intervention**  9: Making 20  10: The Other Part of 10  **On Grade: Teacher Cards**  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)  **On Grade: Math Every Day**  **Card 5A:** Which Ten is Nearer? (2N5)  Building Numbers (2N4)  **Card 5B:** How Many Ways? (2N4)  What’s the Unknown Part? (2N4) | **Below Grade:**   * Paddling the River  (Activities 23, 25) * Family Fun Day  (Activity 23)   **On Grade:**   * A Class-full of Projects (Activities 23, 25) * The Money Jar  (Activities 24, 25) * Family Fun Day  (Activity 25)   **Above Grade:**   * Finding Buster  (Activities 23, 25) | **Big Idea: Numbers are related in many ways.** |
| 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) |
| **Big Idea: Quantities and numbers can be grouped**  **by or partitioned into equal-sized units.** |
| 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) |

**Curriculum Correlation**

**Master 60g**

**Number Cluster 5: Number Relationships 2**

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

**Saskatchewan**

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| **Specific Outcomes** | **Mathology Grade 2 Classroom Activity Kit** | **Mathology Little Books** | **Pearson Canada K-3 Mathematics Learning Progression** |
| **Goals**  Spatial Sense, Logical Thinking, Mathematics as a Human Endeavour | | | |
| **N2.1** Demonstrate understanding of whole numbers to 100 (concretely, pictorially, physically, orally, in writing, and symbolically) by:  • **N2.1.1 representing** **(including place value)** • **N2.1.2 describing**  • **N2.1.3 skip counting**  • N2.1.4 differentiating between odd and even numbers  • N2.1.5 estimating with referents  • **N2.1.6 comparing two numbers**  • N2.1.7 ordering three or more numbers | **Below Grade: Intervention**  9: Making 20  10: The Other Part of 10  **On Grade: Teacher Cards**  22: Benchmarks on a Number Line  23: Decomposing 50 (N2.1.1, N2.1.2)  24: Jumping on the Number Line (N2.1.1, N2.1.2, N2.1.3)  25: Number Relationships 2 Consolidation (N2.1.1, N2.1.2, N2.1.3)  **On Grade: Math Every Day**  **Card 5A:** Which Ten is Nearer? (N2.1.6)  Building Numbers (N2.1.1, N2.1.2)  **Card 5B:** How Many Ways? (N2.1.1, N2.1.2)  What’s the Unknown Part? (N2.1.1, N2.1.2) | **Below Grade:**   * Paddling the River  (Activities 23, 25) * Family Fun Day  (Activity 23)   **On Grade:**   * A Class-full of Projects (Activities 23, 25) * The Money Jar  (Activities 24, 25) * Family Fun Day  (Activity 25)   **Above Grade:**   * Finding Buster  (Activities 23, 25) | **Big Idea: Numbers are related in many ways.** |
| 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) |
| **Big Idea: Quantities and numbers can be grouped**  **by or partitioned into equal-sized units.** |
| 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) |