**Curriculum Correlation**

**Master 17a**

**Number Cluster 2: Number Relationships 1**

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** |
| **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  **Cross Strand:** Patterning and Algebra  **Expressions and Equality:** demonstrate an understanding of the concept of equality between pairs of expressions, using concrete materials, symbols, and addition and subtraction to 18 | | | |
| **N2.1** represent, compare, and order whole numbers to 100, including money amounts to 100¢, using a variety of tools  **N2.2** read and print in words whole numbers  to twenty, using meaningful contexts  **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  **Ontario (continued)**  **N2.11** locate whole numbers to 100 on a number line and on a partial number line  **P2.8** demonstrate an understanding of the concept of equality by partitioning whole  numbers to 18 in a variety of ways, using concrete materials | **Below Grade: Intervention**  3: My 10 Bracelet  4: Who Has More?  **On Grade: Teacher Cards**  6: Comparing Quantities (N2.1, N2.9)  7: Ordering Quantities (N2.1, N2.9)  8: Odd and Even Numbers (N2.1, N2.9)  9: Ordinal Numbers  10: Estimating with Benchmarks  11: Decomposing to 20 (N2.3, N2.9, P2.8)  12: Number Relationships 1 Consolidation (N2.1, N2.3, N2.4, N2.9, P2.8)  **On Grade: Math Every Day**  **Card 2A:** Show Me in Different Ways (N2.1, N2.2, N2.3, P2.8)  Guess My Number (N2.1, N2.3)  **Card 2B:** Math Commander  Building an Open Number Line (N2.1, N2.2, N2.3, N2.4, N2.11) | **Below Grade:**   * Paddling the River  (Activities 6, 7, 11, 12) * A Family Cookout (Activities 6, 7, 10) * At the Corn Farm  (Activity 10) * Canada’s Oldest Sport (Activities 11, 12)   **On Grade:**   * What Would You Rather? (Activities 6, 7, 10, 12) * The Great Dogsled Race (Activities 6, 7) * Back to Batoche (Activity 7) * Ways to Count (Activities 8, 10) * Family Fun Day (Activities 11, 12)   **Above Grade:**   * Math Makes Me Laugh (Activity 6) * Fantastic Journeys (Activities 6, 7, 10, 12) * The Great Dogsled Race (Activity 7) * Finding Buster  (Activity 11) * How Numbers Work (Activity 11) | **Big Idea: Numbers tell us how many and how much.** |
| Applying the Principles of Counting  - Fluently skip-counts by factors of 10 (e.g., 2, 5, 10) and multiples of 10 from any given number. (Activity 11)  - Names, writes, and matches numerals to numbers and quantities to 10. (MED 2B: 2)  - Names, writes, and matches two-digit numerals to quantities. (MED 2B: 2) |
| **Big Idea: Numbers are related in many ways.** |
| Comparing and Ordering Quantities (Multitude or Magnitude)  - Compares and orders quantities and written numbers using benchmarks. (Activities 6, 7, 12; MED 2A: 2, MED 2B: 4)  - Determines how many more/less one quantity is compared to another. (Activities 6, 12; MED 2A: 1, 2)  - Determines and describes the relative position of objects using ordinal numbers. (Activities 9, 12; MED 2B: 1)  - Uses ordinal numbers in context. (Activities 9, 12; MED 2B: 1)  Estimating Quantities and Numbers  - Uses relevant benchmarks to compare and estimate quantities (e.g., more/less than 10). (Activity 10)  Decomposing Wholes into Parts and Composing Wholes from Parts  - Composes and decomposes quantities to 20. (Activities 11, 12; MED 2A: 1, 2) |
| **Big Idea: Quantities and numbers can be grouped**  **by or partitioned into equal-sized units.** |
| Unitizing Quantities and ComparingUnits 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. (Activities 8, 12) |
| **Big Idea: Patterns and relations can be represented with symbols, equations, and expressions.** |
| - Records different expressions of the same quantity as equalities (e.g., 2 + 4 = 5 + 1). (Activities 11, 12) |

**Master 17b**

**Curriculum Correlation**

**Number Cluster 2: Number Relationships 1**

**Curriculum Correlation**

**Master 17c**

**Number Cluster 2: Number Relationships 1**

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

**British Columbia/Yukon Territories**

|  |  |  |  |
| --- | --- | --- | --- |
| **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.  **Cross Strand:** Patterns and Relations | | | |
| Number concepts to 100  Counting   * **2.1** skip-counting by 2, 5, and 10:   – **2.1b** increasing and decreasing (forward and backward)   * **2.2** Quantities to 100 can be arranged and recognized   – **2.2a** comparing and orderingnumbers to 100  – **2.2b** benchmarks of 25, 50, and 100   * **2.3** Even and odd numbers * **2.4** Benchmarks of 25, 50, and 100 and personal referents   – **2.4a** Seating arrangements at ceremonies/feasts  Addition and subtraction facts to 20 (introduction of computational strategies)   * **2.6** fluency with math strategies for addition and subtraction (e.g., making or bridging 10, decomposing, identifying related doubles, adding on to find the difference)   Addition and subtraction to 100   * **2.7** Decomposing numbers to 100 * **2.11** using an open number line, hundred chart, ten-frames   **2.21** Symbolic representation of equality and inequality | **Below Grade: Intervention**  3: My 10 Bracelet  4: Who Has More?  **On Grade: Teacher Cards**  6: Comparing Quantities (2.2, 2.2a)  7: Ordering Quantities (2.2, 2.2a, 2.2b)  8: Odd and Even Numbers (2.3)  9: Ordinal Numbers  10: Estimating with Benchmarks (2.2, 2.2b, 2.4, 2.4a)  11: Decomposing to 20 (2.1b, 2.6, 2.21)  12: Number Relationships 1 Consolidation (2.2, 2.2a, 2.2b, 2.3, 2.4, 2.7, 2.21)  **On Grade: Math Every Day**  **Card 2A:** Show Me in Different Ways (2.2, 2.2a, 2.3, 2.6, 2.7)  Guess My Number (2.2, 2.2a, 2.3)  **Card 2B:** Math Commander (2.3)  Building an Open Number Line (2.2, 2.2a, 2.2b, 2.4, 2.11) | **Below Grade:**   * Paddling the River  (Activities 6, 7, 11, 12) * A Family Cookout (Activities 6, 7, 10) * At the Corn Farm  (Activity 10) * Canada’s Oldest Sport (Activities 11, 12)   **On Grade:**   * What Would You Rather? (Activities 6, 7, 10, 12) * The Great Dogsled Race (Activities 6, 7) * Back to Batoche (Activity 7) * Ways to Count (Activities 8, 10) * Family Fun Day (Activities 11, 12)   **Above Grade:**   * Math Makes Me Laugh (Activity 6) * Fantastic Journeys (Activities 6, 7, 10, 12) * The Great Dogsled Race (Activity 7) * Finding Buster  (Activity 11) * How Numbers Work (Activity 11) | **Big Idea: Numbers tell us how many and how much.** |
| Applying the Principles of Counting  - Fluently skip-counts by factors of 10 (e.g., 2, 5, 10) and multiples of 10 from any given number. (Activity 11)  - Names, writes, and matches numerals to numbers and quantities to 10. (MED 2B: 2)  - Names, writes, and matches two-digit numerals to quantities. (MED 2B: 2) |
| **Big Idea: Numbers are related in many ways.** |
| Comparing and Ordering Quantities (Multitude or Magnitude)  - Compares and orders quantities and written numbers using benchmarks. (Activities 6, 7, 12; MED 2A: 2, MED 2B: 4)  - Determines how many more/less one quantity is compared to another. (Activities 6, 12; MED 2A: 1, 2)  - Determines and describes the relative position of objects using ordinal numbers. (Activities 9, 12; MED 2B: 1)  - Uses ordinal numbers in context. (Activities 9, 12; MED 2B: 1)  Estimating Quantities and Numbers  - Uses relevant benchmarks to compare and estimate quantities (e.g., more/less than 10). (Activity 10)  Decomposing Wholes into Parts and Composing Wholes from Parts  - Composes and decomposes quantities to 20. (Activities 11, 12; MED 2A: 1, 2) |
| **Big Idea: Quantities and numbers can be grouped**  **by or partitioned into equal-sized units.** |
| Unitizing Quantities and ComparingUnits 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. (Activities 8, 12) |
| **Big Idea: Patterns and relations can be represented with symbols, equations, and expressions.** |
| - Records different expressions of the same quantity as equalities (e.g., 2 + 4 = 5 + 1). (Activities 11, 12) |

**Curriculum Correlation**

**Number Cluster 2: Number Relationships 1**

**British Columbia/Yukon Territories (continued)**

**Master 17d**

**Curriculum Correlation**

**Master 17e**

**Number Cluster 2: Number Relationships 1**

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

**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** |
| **General Outcome**  Develop number sense  **Cross Strand:** Patterns and Relations  Represent algebraic expressions in multiple ways | | | |
|  | **Below Grade: Intervention**  3: My 10 Bracelet  4: Who Has More?  **On Grade: Teacher Cards**  6: Comparing Quantities (2N5)  7: Ordering Quantities (2N5)  8: Odd and Even Numbers (2N2)  9: Ordinal Numbers (2N3)  10: Estimating with Benchmarks (2N6)  11: Decomposing to 20 (2N1.1, 2N4, 2PR3)  12: Number Relationships 1 Consolidation (2N2, 2N3, 2N4, 2N5, 2PR3)  **On Grade: Math Every Day**  **Card 2A:** Show Me in Different Ways (2N2, 2N4, 2N5)  Guess My Number (2N2, 2N4, 2N5)  **Card 2B:** Math Commander (2N2, 2N3)  Building an Open Number Line (2N4, 2N5) | **Below Grade:**   * Paddling the River  (Activities 6, 7, 11, 12) * A Family Cookout (Activities 6, 7, 10) * At the Corn Farm  (Activity 10) * Canada’s Oldest Sport (Activities 11, 12)   **On Grade:**   * What Would You Rather? (Activities 6, 7, 10, 12) * The Great Dogsled Race (Activities 6, 7) * Back to Batoche (Activity 7) * Ways to Count (Activities 8, 10) * Family Fun Day (Activities 11, 12)   **Above Grade:**   * Math Makes Me Laugh (Activity 6) * Fantastic Journeys (Activities 6, 7, 10, 12) * The Great Dogsled Race (Activity 7) * Finding Buster  (Activity 11) * How Numbers Work (Activity 11) | **Big Idea: Numbers tell us how many and how much.** |
| Applying the Principles of Counting  - Fluently skip-counts by factors of 10 (e.g., 2, 5, 10) and multiples of 10 from any given number. (Activity 11)  - Names, writes, and matches numerals to numbers and quantities to 10. (MED 2B: 2)  - Names, writes, and matches two-digit numerals to quantities. (MED 2B: 2) |
| **Big Idea: Numbers are related in many ways.** |
| Comparing and Ordering Quantities (Multitude or Magnitude)  - Compares and orders quantities and written numbers using benchmarks. (Activities 6, 7, 12; MED 2A: 2, MED 2B: 4)  - Determines how many more/less one quantity is compared to another. (Activities 6, 12; MED 2A: 1, 2)  - Determines and describes the relative position of objects using ordinal numbers. (Activities 9, 12; MED 2B: 1)  - Uses ordinal numbers in context. (Activities 9, 12; MED 2B: 1)  Estimating Quantities and Numbers  - Uses relevant benchmarks to compare and estimate quantities (e.g., more/less than 10). (Activity 10)  Decomposing Wholes into Parts and Composing Wholes from Parts  - Composes and decomposes quantities to 20. (Activities 11, 12; MED 2A: 1, 2) |
| **Big Idea: Quantities and numbers can be grouped**  **by or partitioned into equal-sized units.** |
| Unitizing Quantities and ComparingUnits 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. (Activities 8, 12) |
| **Big Idea: Patterns and relations can be represented with symbols, equations, and expressions.** |
| - Records different expressions of the same quantity as equalities (e.g., 2 + 4 = 5 + 1). (Activities 11, 12) |

**New Brunswick/Prince Edward Island/Newfoundland and Labrador (continued)**

**Master 17f**

**Curriculum Correlation**

**Number Cluster 2: Number Relationships 1**

**Curriculum Correlation**

**Master 17g**

**Number Cluster 2: Number Relationships 1**

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

**Manitoba**

|  |  |  |  |
| --- | --- | --- | --- |
| **Specific Outcomes** | **Mathology Grade 2 Classroom Activity Kit** | **Mathology Little Books** | **Pearson Canada K-3 Mathematics Learning Progression** |
| **General Outcome**  Develop number sense  **Cross Strand:** Patterns and Relations  Represent algebraic expressions in multiple ways | | | |
| **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.2** Demonstrate if a number (up to 100) is even or odd.  **2.N.3** Describe order or relative position using ordinal numbers.  **2.N.4** Represent and describe numbers to 100, concretely, pictorially and symbolically.  **2.N.5** Compare and order numbers up to 100.  **2.N.6** Estimate quantities to 100 using referents.  **2.PR.3** Demonstrate and explain the meaning of equality and inequality by using manipulatives and diagrams (0 to 100). | **Below Grade: Intervention**  3: My 10 Bracelet  4: Who Has More?  **On Grade: Teacher Cards**  6: Comparing Quantities (2.N.5)  7: Ordering Quantities (2.N.5)  8: Odd and Even Numbers (2.N.2)  9: Ordinal Numbers (2.N.3)  10: Estimating with Benchmarks (2.N.6)  11: Decomposing to 20 (2.N.1.1, 2.N.4, 2.PR.3)  12: Number Relationships 1 Consolidation (2.N.2, 2.N.3, 2.N.4, 2.N.5, 2.PR.3)  **On Grade: Math Every Day**  **Card 2A:** Show Me in Different Ways (2.N.2, 2.N.4, 2.N.5)  Guess My Number (2.N.2, 2.N.4, 2.N.5)  **Card 2B:** Math Commander (2.N.2, 2.N.3)  Building an Open Number Line (2.N.4, 2.N.5) | **Below Grade:**   * Paddling the River  (Activities 6, 7, 11, 12) * A Family Cookout (Activities 6, 7, 10) * At the Corn Farm  (Activity 10) * Canada’s Oldest Sport (Activities 11, 12)   **On Grade:**   * What Would You Rather? (Activities 6, 7, 10, 12) * The Great Dogsled Race (Activities 6, 7) * Back to Batoche (Activity 7) * Ways to Count (Activities 8, 10) * Family Fun Day (Activities 11, 12)   **Above Grade:**   * Math Makes Me Laugh (Activity 6) * Fantastic Journeys (Activities 6, 7, 10, 12) * The Great Dogsled Race (Activity 7) * Finding Buster  (Activity 11) * How Numbers Work (Activity 11) | **Big Idea: Numbers tell us how many and how much.** |
| Applying the Principles of Counting  - Fluently skip-counts by factors of 10 (e.g., 2, 5, 10) and multiples of 10 from any given number. (Activity 11)  - Names, writes, and matches numerals to numbers and quantities to 10. (MED 2B: 2)  - Names, writes, and matches two-digit numerals to quantities. (MED 2B: 2) |
| **Big Idea: Numbers are related in many ways.** |
| Comparing and Ordering Quantities (Multitude or Magnitude)  - Compares and orders quantities and written numbers using benchmarks. (Activities 6, 7, 12; MED 2A: 2, MED 2B: 4)  - Determines how many more/less one quantity is compared to another. (Activities 6, 12; MED 2A: 1, 2)  - Determines and describes the relative position of objects using ordinal numbers. (Activities 9, 12; MED 2B: 1)  - Uses ordinal numbers in context. (Activities 9, 12; MED 2B: 1)  Estimating Quantities and Numbers  - Uses relevant benchmarks to compare and estimate quantities (e.g., more/less than 10). (Activity 10)  Decomposing Wholes into Parts and Composing Wholes from Parts  - Composes and decomposes quantities to 20. (Activities 11, 12; MED 2A: 1, 2) |
| **Big Idea: Quantities and numbers can be grouped**  **by or partitioned into equal-sized units.** |
| Unitizing Quantities and ComparingUnits 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. (Activities 8, 12) |
| **Big Idea: Patterns and relations can be represented with symbols, equations, and expressions.** |
| - Records different expressions of the same quantity as equalities (e.g., 2 + 4 = 5 + 1). (Activities 11, 12) |

**Curriculum Correlation**

**Number Cluster 2: Number Relationships 1**

**Manitoba (continued)**

**Master 17h**

**Curriculum Correlation**

**Master 17i**

**Number Cluster 2: Number Relationships 1**

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

**Nova Scotia**

|  |  |  |  |
| --- | --- | --- | --- |
| **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.  **Cross Strand:** Patterns and Relations  Students will be expected to represent algebraic expressions in multiple ways. | | | |
| **2N01** Students will be expected to say the number sequence by   * **2N01.2** 2s, forward and backward, starting from any point to 100   **2N02** Students will be expected to demonstrate if a number (up to 100) is even or odd.  **2N03** Students will be expected to describe order or relative position using ordinal numbers (up to tenth).    **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.  **2N06** Students will be expected to estimate quantities to 100 by using referents.  **2PR03** Students will be expected to demonstrate and explain the meaning of equality and inequality by using manipulatives and diagrams (0 to 100). | **Below Grade: Intervention**  3: My 10 Bracelet  4: Who Has More?  **On Grade: Teacher Cards**  6: Comparing Quantities (2N05)  7: Ordering Quantities (2N05)  8: Odd and Even Numbers (2N02)  9: Ordinal Numbers (2N03)  10: Estimating with Benchmarks (2N06)  11: Decomposing to 20 (2N01.2, 2N04, 2PR03)  12: Number Relationships 1 Consolidation (2N02, 2N03, 2N04, 2N05, 2PR03)  **On Grade: Math Every Day**  **Card 2A:** Show Me in Different Ways (2N02, 2N04, 2N05)  Guess My Number (2N02, 2N04, 2N05)  **Card 2B:** Math Commander (2N02, 2N03)  Building an Open Number Line (2N04, 2N05) | **Below Grade:**   * Paddling the River  (Activities 6, 7, 11, 12) * A Family Cookout (Activities 6, 7, 10) * At the Corn Farm  (Activity 10) * Canada’s Oldest Sport (Activities 11, 12)   **On Grade:**   * What Would You Rather? (Activities 6, 7, 10, 12) * The Great Dogsled Race (Activities 6, 7) * Back to Batoche (Activity 7) * Ways to Count (Activities 8, 10) * Family Fun Day (Activities 11, 12)   **Above Grade:**   * Math Makes Me Laugh (Activity 6) * Fantastic Journeys (Activities 6, 7, 10, 12) * The Great Dogsled Race (Activity 7) * Finding Buster  (Activity 11) * How Numbers Work (Activity 11) | **Big Idea: Numbers tell us how many and how much.** |
| Applying the Principles of Counting  - Fluently skip-counts by factors of 10 (e.g., 2, 5, 10) and multiples of 10 from any given number. (Activity 11)  - Names, writes, and matches numerals to numbers and quantities to 10. (MED 2B: 2)  - Names, writes, and matches two-digit numerals to quantities. (MED 2B: 2) |
| **Big Idea: Numbers are related in many ways.** |
| Comparing and Ordering Quantities (Multitude or Magnitude)  - Compares and orders quantities and written numbers using benchmarks. (Activities 6, 7, 12; MED 2A: 2, MED 2B: 4)  - Determines how many more/less one quantity is compared to another. (Activities 6, 12; MED 2A: 1, 2)  - Determines and describes the relative position of objects using ordinal numbers. (Activities 9, 12; MED 2B: 1)  - Uses ordinal numbers in context. (Activities 9, 12; MED 2B: 1)  Estimating Quantities and Numbers  - Uses relevant benchmarks to compare and estimate quantities (e.g., more/less than 10). (Activity 10)  Decomposing Wholes into Parts and Composing Wholes from Parts  - Composes and decomposes quantities to 20. (Activities 11, 12; MED 2A: 1, 2) |
| **Big Idea: Quantities and numbers can be grouped**  **by or partitioned into equal-sized units.** |
| Unitizing Quantities and ComparingUnits 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. (Activities 8, 12) |
| **Big Idea: Patterns and relations can be represented with symbols, equations, and expressions.** |
| - Records different expressions of the same quantity as equalities (e.g., 2 + 4 = 5 + 1). (Activities 11, 12) |

**Master 17j**

**Curriculum Correlation**

**Number Cluster 2: Number Relationships 1**

**Nova Scotia (continued)**

**Curriculum Correlation**

**Master 17k**

**Number Cluster 2: Number Relationships 1**

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

**Alberta/Northwest Territories/Nunavut**

|  |  |  |  |
| --- | --- | --- | --- |
| **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.  **Cross Strand:** Patterns and Relations  Represent algebraic expressions in multiple ways. | | | |
| **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.   **2N2** Demonstrate if a number (up to 100) is even or odd.  **2N3** Describe order or relative position using ordinal numbers (up to tenth).    **2N4** Represent and describe numbers to 100, concretely, pictorially and symbolically.  **2N5** Compare and order numbers up to 100.  **2N6** Estimate quantities to 100, using referents.  **2PR4** Demonstrate and explain the meaning of equality and inequality, concretely and pictorially. | **Below Grade: Intervention**  3: My 10 Bracelet  4: Who Has More?  **On Grade: Teacher Cards**  6: Comparing Quantities (2N5)  7: Ordering Quantities (2N5)  8: Odd and Even Numbers (2N2)  9: Ordinal Numbers (2N3)  10: Estimating with Benchmarks (2N6)  11: Decomposing to 20 (2N1.1, 2N4, 2PR4)  12: Number Relationships 1 Consolidation (2N2, 2N3, 2N4, 2N5, 2PR4)  **On Grade: Math Every Day**  **Card 2A:** Show Me in Different Ways (2N2, 2N4, 2N5)  Guess My Number (2N2, 2N4, 2N5)  **Card 2B:** Math Commander (2N2, 2N3)  Building an Open Number Line (2N4, 2N5) | **Below Grade:**   * Paddling the River  (Activities 6, 7, 11, 12) * A Family Cookout (Activities 6, 7, 10) * At the Corn Farm  (Activity 10) * Canada’s Oldest Sport (Activities 11, 12)   **On Grade:**   * What Would You Rather? (Activities 6, 7, 10, 12) * The Great Dogsled Race (Activities 6, 7) * Back to Batoche (Activity 7) * Ways to Count (Activities 8, 10) * Family Fun Day (Activities 11, 12)   **Above Grade:**   * Math Makes Me Laugh (Activity 6) * Fantastic Journeys (Activities 6, 7, 10, 12) * The Great Dogsled Race (Activity 7) * Finding Buster  (Activity 11) * How Numbers Work (Activity 11) | **Big Idea: Numbers tell us how many and how much.** |
| Applying the Principles of Counting  - Fluently skip-counts by factors of 10 (e.g., 2, 5, 10) and multiples of 10 from any given number. (Activity 11)  - Names, writes, and matches numerals to numbers and quantities to 10. (MED 2B: 2)  - Names, writes, and matches two-digit numerals to quantities. (MED 2B: 2) |
| **Big Idea: Numbers are related in many ways.** |
| Comparing and Ordering Quantities (Multitude or Magnitude)  - Compares and orders quantities and written numbers using benchmarks. (Activities 6, 7, 12; MED 2A: 2, MED 2B: 4)  - Determines how many more/less one quantity is compared to another. (Activities 6, 12; MED 2A: 1, 2)  - Determines and describes the relative position of objects using ordinal numbers. (Activities 9, 12; MED 2B: 1)  - Uses ordinal numbers in context. (Activities 9, 12; MED 2B: 1)  Estimating Quantities and Numbers  - Uses relevant benchmarks to compare and estimate quantities (e.g., more/less than 10). (Activity 10)  Decomposing Wholes into Parts and Composing Wholes from Parts  - Composes and decomposes quantities to 20. (Activities 11, 12; MED 2A: 1, 2) |
| **Big Idea: Quantities and numbers can be grouped**  **by or partitioned into equal-sized units.** |
| Unitizing Quantities and ComparingUnits 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. (Activities 8, 12) |
| **Big Idea: Patterns and relations can be represented with symbols, equations, and expressions.** |
| - Records different expressions of the same quantity as equalities (e.g., 2 + 4 = 5 + 1). (Activities 11, 12) |

**Alberta/Northwest Territories/Nunavut (continued)**

**Master 17l**

**Curriculum Correlation**

**Number Cluster 2: Number Relationships 1**

**Curriculum Correlation**

**Master 17m**

**Number Cluster 2: Number Relationships 1**

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

**Saskatchewan**

|  |  |  |  |
| --- | --- | --- | --- |
| **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  **Cross Strand:** Patterns and Relations | | | |
| **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  **P2.3** Demonstrate  understanding of equality and inequality concretely and pictorially (0 to 100). | **Below Grade: Intervention**  3: My 10 Bracelet  4: Who Has More?  **On Grade: Teacher Cards**  6: Comparing Quantities (N2.1.6)  7: Ordering Quantities (N2.1.6, N2.1.7)  8: Odd and Even Numbers (N2.1.4)  9: Ordinal Numbers (N2.1.1)  10: Estimating with Benchmarks (N2.1.5)  11: Decomposing to 20 (N2.1.1, N2.1.3, P2.3)  12: Number Relationships 1 Consolidation (N2.1.1, N2.1.4, N2.1.6, N2.1.7, P2.3)  **On Grade: Math Every Day**  **Card 2A:** Show Me in Different Ways (N2.1.1, N2.1.4, N2.1.6)  Guess My Number (N2.1.1, N2.1.4, N2.1.6)  **Card 2B:** Math Commander (N2.1.1, N2.1.4)  Building an Open Number Line (N2.1.1, N2.1.7) | **Below Grade:**   * Paddling the River  (Activities 6, 7, 11, 12) * A Family Cookout (Activities 6, 7, 10) * At the Corn Farm  (Activity 10) * Canada’s Oldest Sport (Activities 11, 12)   **On Grade:**   * What Would You Rather? (Activities 6, 7, 10, 12) * The Great Dogsled Race (Activities 6, 7) * Back to Batoche (Activity 7) * Ways to Count (Activities 8, 10) * Family Fun Day (Activities 11, 12)   **Above Grade:**   * Math Makes Me Laugh (Activity 6) * Fantastic Journeys (Activities 6, 7, 10, 12) * The Great Dogsled Race (Activity 7) * Finding Buster  (Activity 11)   **Saskatchewan (continued)**   * How Numbers Work (Activity 11) | **Big Idea: Numbers tell us how many and how much.** |
| Applying the Principles of Counting  - Fluently skip-counts by factors of 10 (e.g., 2, 5, 10) and multiples of 10 from any given number. (Activity 11)  - Names, writes, and matches numerals to numbers and quantities to 10. (MED 2B: 2)  - Names, writes, and matches two-digit numerals to quantities. (MED 2B: 2) |
| **Big Idea: Numbers are related in many ways.** |
| Comparing and Ordering Quantities (Multitude or Magnitude)  - Compares and orders quantities and written numbers using benchmarks. (Activities 6, 7, 12; MED 2A: 2, MED 2B: 4)  - Determines how many more/less one quantity is compared to another. (Activities 6, 12; MED 2A: 1, 2)  - Determines and describes the relative position of objects using ordinal numbers. (Activities 9, 12; MED 2B: 1)  - Uses ordinal numbers in context. (Activities 9, 12; MED 2B: 1)  Estimating Quantities and Numbers  - Uses relevant benchmarks to compare and estimate quantities (e.g., more/less than 10). (Activity 10)  Decomposing Wholes into Parts and Composing Wholes from Parts  - Composes and decomposes quantities to 20. (Activities 11, 12; MED 2A: 1, 2) |
| **Big Idea: Quantities and numbers can be grouped**  **by or partitioned into equal-sized units.** |
| Unitizing Quantities and ComparingUnits 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. (Activities 8, 12) |
| **Big Idea: Patterns and relations can be represented with symbols, equations, and expressions.** |
| - Records different expressions of the same quantity as equalities (e.g., 2 + 4 = 5 + 1). (Activities 11, 12) |

**Master 17n**

**Curriculum Correlation**

**Number Cluster 2: Number Relationships 1**