

Curriculum Correlation

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 | 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) | Below Grade: <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • 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) | 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) |

Mathology 2

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Curriculum Correlation

Number Cluster 2: Number Relationships 1

Ontario (continued)

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|--|--|--|---|
| <p>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</p> <p>N2.11 locate whole numbers to 100 on a number line and on a partial number line</p> <p>P2.8 demonstrate an understanding of the concept of equality by partitioning whole numbers to 18 in a variety of ways, using concrete materials</p> | <p>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)</p> | <p>Above Grade:</p> <ul style="list-style-type: none"> • 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) | <p>Estimating Quantities and Numbers</p> <ul style="list-style-type: none"> - Uses relevant benchmarks to compare and estimate quantities (e.g., more/less than 10). (Activity 10) <p>Decomposing Wholes into Parts and Composing Wholes from Parts</p> <ul style="list-style-type: none"> - Composes and decomposes quantities to 20. (Activities 11, 12; MED 2A: 1, 2) <p>Big Idea: Quantities and numbers can be grouped by or partitioned into equal-sized units.</p> <p>Unitizing Quantities and Comparing Units to the Whole</p> <ul style="list-style-type: none"> - 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) <p>Big Idea: Patterns and relations can be represented with symbols, equations, and expressions.</p> <ul style="list-style-type: none"> - Records different expressions of the same quantity as equalities (e.g., $2 + 4 = 5 + 1$). (Activities 11, 12) |
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Curriculum Correlation

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 <ul style="list-style-type: none"> 2.1 skip-counting by 2, 5, and 10: <ul style="list-style-type: none"> 2.1b increasing and decreasing (forward and backward) 2.2 Quantities to 100 can be arranged and recognized <ul style="list-style-type: none"> 2.2a comparing and ordering numbers 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 <ul style="list-style-type: none"> 2.4a Seating arrangements at ceremonies/feasts Addition and subtraction facts to 20 (introduction of computational strategies) <ul style="list-style-type: none"> 2.6 fluency with math strategies for addition | 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) | Below Grade: <ul style="list-style-type: none"> Padding 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: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> Math Makes Me Laugh (Activity 6) Fantastic Journeys (Activities 6, 7, 10, 12) The Great Dogsled Race (Activity 7) | Big Idea: Numbers tell us how many and how much. Applying the Principles of Counting <ul style="list-style-type: none"> 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) <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> Composes and decomposes quantities to 20. (Activities 11, 12; MED 2A: 1, 2) |

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Curriculum Correlation

Number Cluster 2: Number Relationships 1

British Columbia/Yukon Territories (continued)

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| and subtraction (e.g., making or bridging 10, decomposing, identifying related doubles, adding on to find the difference) | Building an Open Number Line (2.2, 2.2a, 2.2b, 2.4, 2.11) | <ul style="list-style-type: none"> Finding Buster (Activity 11) How Numbers Work (Activity 11) | Big Idea: Quantities and numbers can be grouped by or partitioned into equal-sized units. Utilizing 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. (Activities 8, 12) |
| Addition and subtraction to 100 <ul style="list-style-type: none"> 2.7 Decomposing numbers to 100 2.11 using an open number line, hundred chart, ten-frames | | | 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) |
| 2.21 Symbolic representation of equality and inequality | | | |

Curriculum Correlation

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) | Below Grade: <ul style="list-style-type: none"> • 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) | 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) |
| | 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) | On Grade: <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • Math Makes Me Laugh (Activity 6) • Fantastic Journeys (Activities 6, 7, 10, 12) | 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 |

Curriculum Correlation

Number Cluster 2: Number Relationships 1

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

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| | Building an Open Number Line (2N4, 2N5) | <ul style="list-style-type: none"> The Great Dogsled Race (Activity 7) Finding Buster (Activity 11) How Numbers Work (Activity 11) | <ul style="list-style-type: none"> - Composes and decomposes quantities to 20. (Activities 11, 12: MED 2A: 1, 2) <p>Big Idea: Quantities and numbers can be grouped by or partitioned into equal-sized units.</p> <ul style="list-style-type: none"> 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. (Activities 8, 12) <p>Big Idea: Patterns and relations can be represented with symbols, equations, and expressions.</p> <ul style="list-style-type: none"> - Records different expressions of the same quantity as equalities (e.g., $2 + 4 = 5 + 1$). (Activities 11, 12) |
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Curriculum Correlation

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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: <ul style="list-style-type: none"> • 2.N.1.1 2s, 5s and 10s, forward and backward, using starting points that are multiples of 2, 5 and 10 respectively | 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) | Below Grade: <ul style="list-style-type: none"> • 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) | 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) |
| 2.N.2 Demonstrate if a number (up to 100) is even or odd. | | On Grade: <ul style="list-style-type: none"> • 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) | 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) |
| 2.N.3 Describe order or relative position using ordinal numbers. | 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) | Above Grade: <ul style="list-style-type: none"> • Math Makes Me Laugh (Activity 6) • Fantastic Journeys (Activities 6, 7, 10, 12) • The Great Dogsled Race (Activity 7) | 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) |
| 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. | Card 2B: Math Commander (2.N.2, 2.N.3) Building an Open Number Line (2.N.4, 2.N.5) | | |

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Curriculum Correlation

Number Cluster 2: Number Relationships 1

Manitoba (continued)

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| 2.PR.3 Demonstrate and explain the meaning of equality and inequality by using manipulatives and diagrams (0 to 100). | | <ul style="list-style-type: none"> Finding Buster (Activity 11) How Numbers Work (Activity 11) | <p>Big Idea: Quantities and numbers can be grouped by or partitioned into equal-sized units.</p> <p>Unitizing Quantities and Comparing Units to the Whole</p> <ul style="list-style-type: none"> 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) <p>Big Idea: Patterns and relations can be represented with symbols, equations, and expressions.</p> <ul style="list-style-type: none"> Records different expressions of the same quantity as equalities (e.g., $2 + 4 = 5 + 1$). (Activities 11, 12) |
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Curriculum Correlation

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 <ul style="list-style-type: none"> 2N01.2 2s, forward and backward, starting from any point 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) | Below Grade: <ul style="list-style-type: none"> 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) | Big Idea: Numbers tell us how many and how much. Applying the Principles of Counting <ul style="list-style-type: none"> 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) |
| 2N02 Students will be expected to demonstrate if a number (up to 100) is even or odd. | | | Big Idea: Numbers are related in many ways. Comparing and Ordering Quantities (Multitude or Magnitude) <ul style="list-style-type: none"> 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) |
| 2N03 Students will be expected to describe order or relative position using ordinal numbers (up to tenth). | 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) | On Grade: <ul style="list-style-type: none"> What Would You Rather? (Activities 6, 7, 10, 12) The Great Dogsdled Race (Activities 6, 7) Back to Batoche (Activity 7) Ways to Count (Activities 8, 10) Family Fun Day (Activities 11, 12) | |
| 2N04 Students will be expected to represent and partition numbers to 100. | | Above Grade: <ul style="list-style-type: none"> Math Makes Me Laugh (Activity 6) Fantastic Journeys (Activities 6, 7, 10, 12) | Estimating Quantities and Numbers <ul style="list-style-type: none"> 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 |
| 2N05 Students will be expected to compare | | | |

Curriculum Correlation

Number Cluster 2: Number Relationships 1

Nova Scotia (continued)

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| and order numbers up to 100. | Building an Open Number Line (2N04, 2N05) | <ul style="list-style-type: none"> • The Great Dogsled Race (Activity 7) • Finding Buster (Activity 11) • How Numbers Work (Activity 11) | - 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. Utilizing 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. (Activities 8, 12) |
| 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). | | | 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) |

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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: <ul style="list-style-type: none"> • 2N1.1 2s, 5s, and 10s, forward and backward, using starting points that are multiples of 2, 5, and 10 respectively. | 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) | Below Grade: <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • Math Makes Me Laugh (Activity 6) • Fantastic Journeys (Activities 6, 7, 10, 12) • The Great Dogsled Race (Activity 7) | Big Idea: Numbers tell us how many and how much. Applying the Principles of Counting <ul style="list-style-type: none"> - 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) <ul style="list-style-type: none"> - 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 <ul style="list-style-type: none"> - 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 <ul style="list-style-type: none"> - Composes and decomposes quantities to 20. (Activities 11, 12; MED 2A: 1, 2) |
| 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. | 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) | | |
| 2N5 Compare and order numbers up to 100. | | | |
| 2N6 Estimate quantities to 100, using referents. | | | |

Curriculum Correlation

Number Cluster 2: Number Relationships 1

Alberta/Northwest Territories/Nunavut (continued)

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| <p>2PR4 Demonstrate and explain the meaning of equality and inequality, concretely and pictorially.</p> | | <ul style="list-style-type: none"> Finding Buster (Activity 11) How Numbers Work (Activity 11) | <p>Big Idea: Quantities and numbers can be grouped by or partitioned into equal-sized units.</p> <p>Unitizing Quantities and Comparing Units to the Whole</p> <ul style="list-style-type: none"> 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) <p>Big Idea: Patterns and relations can be represented with symbols, equations, and expressions.</p> <ul style="list-style-type: none"> Records different expressions of the same quantity as equalities (e.g., $2 + 4 = 5 + 1$). (Activities 11, 12) |
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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: <ul style="list-style-type: none"> • 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 | 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) | Below Grade: <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • Math Makes Me Laugh (Activity 6) • Fantastic Journeys (Activities 6, 7, 10, 12) • The Great Dogsled Race (Activity 7) | 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) |

Mathology 2

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Curriculum Correlation

Number Cluster 2: Number Relationships 1

Saskatchewan (continued)

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| and pictorially (0 to 100). | Card 2B: Math Commander (N2.1.1, N2.1.4) Building an Open Number Line (N2.1.1, N2.1.7) | <ul style="list-style-type: none"> Finding Buster (Activity 11) How Numbers Work (Activity 11) | Big Idea: Quantities and numbers can be grouped by or partitioned into equal-sized units. Utilizing 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. (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) |
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