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
Overall Expectations **N1 Quantity Relationships:** read, represent, compare, and order whole numbers to 100, and use concrete materials to represent fractions and money amounts to 100¢ **N2 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 **P1 Patterns and Relationships:** identify, describe, extend, and create repeating patterns, growing patterns, and shrinking patterns			
N1.3 compose and decompose two-digit numbers in a variety of ways, using concrete materials **N1.4** determine, using concrete materials, the ten that is nearest to a given two-digit number, and justify the answer **N2.1** 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 **N2.3** locate whole numbers to 100 on a number line and on a partial number line **P1.1** identify and describe, through investigation, growing patterns and shrinking patterns generated by the repeated addition or subtraction of 1's, 2's, 5's, 10's, and 25's on a number line and on a hundreds chart	**Below Grade: Intervention** 9: Making 20 10: The Other Part of 10 **On Grade: Teacher Cards** 22: Benchmarks on a Number Line (N1.4, N2.3) 23: Decomposing 50 (N1.3) 24: Jumping on the Number Line (N1.3, N2.1, N2.3, P1.1) 25: Number Relationships 2 Consolidation (N1.3, N1.4, N2.1, N2.3) **On Grade: Math Every Day Card 5A:** Which Ten is Nearer? (N1.4) Building Numbers (N1.3) **Card 5B:** How Many Ways? (N1.3) What's the Unknown Part? (N1.3)	**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)

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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
Big Ideas Numbers to 100 represent quantities that can be decomposed into 10s and 1s. Development of computational fluency in addition and subtraction with numbers to 100 requires an understanding of place value.			
N1 Number concepts to 100 Counting • **N1.1** skip-counting by 2, 5, and 10: – **N1.1a** using different starting points – **N1.1b** increasing and decreasing (forward and backward) • **N1.2** Quantities to 100 can be arranged and recognized – **N1.2a** comparing and ordering numbers to 100 – **N1.2b** benchmarks of 25, 50, and 100 **N4 Addition and subtraction to 100** • **N4.1** decomposing numbers to 100 • **N4.3** using strategies such as looking for multiples of 10, friendly numbers, decomposing into 10s and 1s and recomposing, and compensating • **N4.5** 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 (N1.2a, N1.2b) 23: Decomposing 50 (N4.1) 24: Jumping on the Number Line (N1.1, N1.1a, N1.1b, N4.1, N4.3, N4.5) 25: Number Relationships 2 Consolidation (N1.1, N1.1a, N1.1b, N4.1, N4.3, N4.5) **On Grade: Math Every Day Card 5A:** Which Ten is Nearer? (N1.2a, N1.2b) Building Numbers (N4.1) **Card 5B:** How Many Ways? (N4.1) What's the Unknown Part? (N4.1)	**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)

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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
General Outcome Develop number sense			
N1 Say the number sequence from 0 to 100 by: • **N1a** 2s, 5s and 10s, forward and backward, using starting points that are multiples of 2, 5 and 10 respectively **N4** Represent and describe numbers to 100, concretely, pictorially and symbolically. **N5** Compare and order numbers up to 100. **N6** Estimate quantities to 100 using referents.	**Below Grade: Intervention** 9: Making 20 10: The Other Part of 10 **On Grade: Teacher Cards** 22: Benchmarks on a Number Line (N6) 23: Decomposing 50 (N4) 24: Jumping on the Number Line (N1a, N4) 25: Number Relationships 2 Consolidation (N1a, N4) **On Grade: Math Every Day Card 5A:** Which Ten is Nearer? (N5) Building Numbers (N4) **Card 5B:** How Many Ways? (N4) What's the Unknown Part? (N4)	**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)

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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			
2.N.1. Say the number sequence from 0 to 100 by • 2s, 5s, and 10s, forward and backward, using starting points that are multiples of 2, 5, and 10 respectively. • 10s using starting points from 1 to 9 • 2s starting from 1. **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 (2.N.4) 23: Decomposing 50 (2.N.4) 24: Jumping on the Number Line (2.N.1, 2.N.4) 25: Number Relationships 2 Consolidation (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)

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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.			
N01 Students will be expected to say the number sequence by • **N01a** 1s, forward and backward, starting from any point to 200 • **N01b** 2s, forward and backward, starting from any point to 100 • **N01c** 5s and 10s, forward and backward, using starting points that are multiples of 5 and 10 respectively to 100 **N04** Students will be expected to represent and partition numbers to 100. **N05** Students will be expected to compare and order numbers up to 100. **N06** Students will be expected to estimate quantities to 100 by using referents.	**Below Grade: Intervention** 9: Making 20 10: The Other Part of 10 **On Grade: Teacher Cards** 22: Benchmarks on a Number Line (N06) 23: Decomposing 50 (N04) 24: Jumping on the Number Line (N01a, N01b, N01c, N04) 25: Number Relationships 2 Consolidation (N01a, N01b, N01c, N04) **On Grade: Math Every Day** **Card 5A:** Which Ten is Nearer? (N05) Building Numbers (N04) **Card 5B:** How Many Ways? (N04) What's the Unknown Part? (N04)	**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)

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Alberta/Northwest Territories/Nunavut

Learning Outcomes	Mathology Grade 2 Classroom Activity Kit	Mathology Little Books	Pearson Canada K-3 Mathematics Learning Progression
General Outcome Develop number sense			
Number **1.** Say the number sequence 0 to 100 by: • **1a.** 2s, 5s and 10s, forward and backward, using starting points that are multiples of 2, 5 and 10 respectively **4.** Represent and describe numbers to 100, concretely, pictorially and symbolically. **5.** Compare and order numbers up to 100. **6.** Estimate quantities to 100, using referents.	**Below Grade: Intervention** 9: Making 20 10: The Other Part of 10 **On Grade: Teacher Cards** 22: Benchmarks on a Number Line (N6) 23: Decomposing 50 (N4) 24: Jumping on the Number Line (N1a, N4) 25: Number Relationships 2 Consolidation (N1a, N4) **On Grade: Math Every Day Card 5A:** Which Ten is Nearer? (N5) Building Numbers (N4) **Card 5B:** How Many Ways? (N4) What's the Unknown Part? (N4)	**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)

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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			
N2.1 Demonstrate understanding of whole numbers to 100 (concretely, pictorially, physically, orally, in writing, and symbolically) by: • **N2.1a representing (including place value)** • **N2.1b describing** • **N2.1c skip counting** • N2.1d differentiating between odd and even numbers • N2.1e estimating with referents • **N2.1f comparing two numbers** • N2.1g 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 (N2.1a, N2.1b, N2.1f) 23: Decomposing 50 (N2.1a, N2.1b) 24: Jumping on the Number Line (N2.1a, N2.1b, N2.1c) 25: Number Relationships 2 Consolidation (N2.1a, N2.1b, N2.1c) **On Grade: Math Every Day Card 5A:** Which Ten is Nearer? (N2.1f) Building Numbers (N2.1a, N2.1a) **Card 5B:** How Many Ways? (N2.1a, N2.1b) What's the Unknown Part? (N2.1a, N2.1b)	**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)