

Ontario Math curriculum 2020	Scholastic Math Place		
Grade Two (pp. 141 and on in The Ontario Curriculum Grades 1–8 - Mathematics, 2020)	Gr2 ON Number and Financial Literacy TG	Gr2 ON Algebra and Data TG	Gr2 ON Spatial Sense TG
<b>A1. Social-Emotional Learning (SEL) Skills and the Mathematical Processes</b> apply, to the best of their ability, a variety of social-emotional learning skills to support their use of the mathematical processes and their learning in connection with the expectations in the other five strands of the mathematics curriculum	pp. 9-10, 16-17, 18-23, 24-26; and as identified below	p. 7; and as identified below	pp. 6-7; and as identified below
<b>SEL Skills</b>			
1. identify and manage emotions	pp. 59, 161, 353, 432, 473	pp. 50, 223	pp. 72, 81
2. recognize sources of stress and cope with challenges	pp. 59, 127, 161, 352, 432, 473, 503	pp. 50, 223	pp. 72, 81
3. maintain positive motivation and perseverance	pp. 33, 74, 92, 133, 143, 175, 182, 198, 238, 256, 276, 315	pp. 31, 103, 111, 126, 146, 184, 220, 252	pp. 29, 76, 109, 137, 157, 162, 239, 251, 260
4. build relationships and communicate effectively	pp. 40, 44, 55, 92, 221, 263, 329, 348, 371, 399, 477, 503, 320, 405, 456, 498	pp. 74, 103, 159, 176, 265	pp. 105, 212
5. develop self-awareness and sense of identity	pp. 26, 79, 88, 114, 156, 169, 186, 192, 208, 276, 291, 306, 339, 388, 452, 494	pp. 36, 53, 55, 61, 74, 83, 90, 92, 116, 162, 213, 215, 237, 277	pp. 57, 120, 207, 266, 272
6. think critically and creatively	pp. 138, 148, 203, 256, 334, 379, 460, 467	pp. 14, 17, 27, 68, 87, 157, 168, 240, 244, 256	pp. 20, 33, 49, 99, 153, 189, 195, 217, 260, 289
<b>Mathematical processes</b>			
<b>problem solving:</b> develop, select, and apply problem-solving strategies	Math in My Life; Quantity and Counting (Part 1) Lessons 1, 2, 5, 6, 7, 8, 9, 10, 12, 13, 14, 15, 16, 17, 18; Addition and Subtraction to 20 Lessons 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13; Quantity and Counting (Part 2) Lessons 1, 2, 3, 4, 6, 7-9, 10, 11-12, 13, 14, 15; Addition and Subtraction to 100 Lessons 1, 2-3, 4-5, 6-8, 9, 10, 11, 12; Fractions Lessons 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13; Multiplication and Division Lessons 1-2, 3-4, 5, 6, 7, 8, 9, 10, 11, 12-14, 15, 16; Financial Literacy Lessons 4, 5-11	Patterning: Let's Talk About Math; Patterning Lessons 2, 3, 4-7, 8-11, 12, 13-14, 15-17, 18, 19; Algebra: Let's Talk About Math, Algebra Lessons 2, 3-4, 5-7, 8-9, 10, 11-12, 13, 14, 15; Data Literacy: Let's Talk About Math; Data Literacy Lessons 2, 3-5, 6-9, 11, 13-16; Probability: Let's Talk About Math; Probability Lessons 1, 2, 3-4, 5-8, 9	Geometric Attributes and Properties Lessons 2-3, 4-5, 6, 7-10; Two-Dimensional Shapes Lessons 2, 3, 4, 5, 6, 8, 9, 10-11, 12-13, 14, 15, 16; Location, Movement, and Coding Concepts Lessons 2, 3, 4-5, 6-7, 8; Linear Measurement Lessons 4, 6, 7, 8, 9, 17; Time Lessons 1, 3, 4-5, 7

<p><b>reasoning and proving:</b> develop and apply reasoning skills (e.g., classification, recognition of relationships, use of counter-examples) to justify thinking, make and investigate conjectures, and construct and defend arguments</p>	<p>Math in My Life; Quantity and Counting (Part 1) Lessons 1, 2, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18; Addition and Subtraction to 20 Lessons 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13; Quantity and Counting (Part 2) Lessons 1, 2, 3, 4, 6, 7-9, 11-12, 13, 14, 15; Addition and Subtraction to 100 Lessons 1, 4-5, 6-8, 11, 12; Fractions Lessons 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13; Multiplication and Division Lessons 1-2, 3-4, 6, 7, 9, 10, 11, 12-14, 16; Financial Literacy Lessons 1, 2-3, 4, 5-11</p>	<p>Patterning: Let's Talk About Math; Patterning Lessons 2, 3, 4-7, 8-11, 13-14, 15-17, 18, 19; Algebra: Let's Talk About Math; Algebra Lessons 2, 3-4, 5-7, 8-9, 10, 11-12, 13, 14, 15; Data Literacy: Let's Talk About Math; Data Literacy Lessons 2, 3-5, 6-9, 11, 13-16; Probability: Let's Talk About Math; Probability Lessons 1, 2, 3-4, 5-8, 9</p>	<p>Geometric Attributes and Properties Lessons 1, 2-3, 4-5, 6, 7-10; Two-Dimensional Shapes Lessons 2, 3, 4, 5, 6, 8, 9, 10-11, 12-13, 14, 15, 16; Location, Movement, and Coding Concepts Lessons 2, 3, 4-5, 6-7, 8; Linear Measurement Lessons 4, 6, 7, 8, 9, 17; Time Lessons 1, 3, 4-5, 7</p>
<p><b>reflecting:</b> demonstrate that as they solve problems, they are pausing, looking back, and monitoring their thinking to help clarify their understanding (e.g., by comparing and adjusting strategies used, by explaining why they think their results are reasonable, by recording their thinking in a math journal)</p>	<p>Math in My Life; Quantity and Counting (Part 1) Lessons 1, 6, 9, 10, 12, 13, 14, 15, 16, 17; Addition and Subtraction to 20 Lessons 1, 2, 5, 7, 9, 10, 11, 12, 13; Quantity and Counting (Part 2) Lessons 1, 2, 3, 4, 6, 7-9, 10, 11-12, 13, 15; Addition and Subtraction to 100 Lessons 1, 12; Fractions Lessons 1, 3, 4, 5, 9, 10, 11, 13; Multiplication and Division Lessons 1-2, 3-4, 5, 6, 7, 10, 11, 12-14, 15, 16; Financial Literacy Lessons 1, 2-3, 5-11</p>	<p>Patterning: Let's Talk About Math; Patterning Lessons 2, 13-14, 18; Algebra: Let's Talk About Math, Algebra Lessons 2, 13, 14; Data Literacy: Let's Talk About Math; Data Literacy Lessons 2, 11; Probability: Let's Talk About Math; Probability Lessons 1, 2, 4, 5, 9</p>	<p>Geometric Attributes and Properties Lessons 1, 2-3, 4-5, 6, 7-10; Two-Dimensional Shapes Lessons 2, 3, 4, 5, 6, 8, 10-11, 12-13, 14, 15, 16; Location, Movement, and Coding Concepts Lessons 2, 3, 4-5, 8; Linear Measurement Lessons 4, 6, 7, 8, 9, 17; Time Lessons 1, 3, 4-5, 7</p>
<p><b>connecting:</b> make connections among mathematical concepts, procedures, and representations, and relate mathematical ideas to other contexts (e.g., other curriculum areas, daily life, sports)</p>	<p>Math in My Life; Quantity and Counting (Part 1) Lessons 1, 3, 6, 7, 8, 9, 10, 12, 13, 14, 15, 16, 17, 18; Addition and Subtraction to 20 Lessons 2, 3, 5, 7, 8, 9, 10, 11, 12, 13; Quantity and Counting (Part 2) Lessons 1, 2, 3, 4, 6, 7-9, 10, 11-12, 13, 14, 15; Addition and Subtraction to 100 Lessons 1, 4-5, 6-8, 9, 12; Fractions Lessons 1, 2, 3, 4, 5, 6, 7, 9, 10, 11, 12; Multiplication and Division Lessons 1-2, 3-4, 5, 6, 7, 8, 9, 10, 11, 12-14, 15, 16; Financial Literacy Lessons 1, 2-3, 4, 5-11</p>	<p>Patterning: Let's Talk About Math; Patterning Lessons 2, 13-14, 18; Algebra: Let's Talk About Math; Algebra Lessons 2, 13, 14; Data Literacy: Let's Talk About Math; Data Literacy Lessons 2, 11; Probability: Let's Talk About Math; Probability Lessons 1, 2, 4, 5, 9</p>	<p>Geometric Attributes and Properties Lessons 1, 2-3, 4-5, 6, 7-10; Two-Dimensional Shapes Lessons 2, 3, 4, 5, 6, 8, 9, 10-11, 12-13, 14, 15, 16; Location, Movement, and Coding Concepts Lessons 2, 3, 4-5, 6-7, 8; Linear Measurement Lessons 4, 6, 7, 8, 9, 17; Time Lessons 1, 3, 4-5, 7</p>
<p><b>communicating:</b> express and understand mathematical thinking, and engage in mathematical arguments using everyday language, language resources as necessary, appropriate mathematical terminology, a variety of representations, and mathematical conventions</p>	<p>Math in My Life; Quantity and Counting (Part 1) Lessons 1, 2, 3, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18; Addition and Subtraction to 20 Lessons 1, 2, 3, 4, 5, 7, 8, 9, 10, 11, 12, 13; Quantity and Counting (Part 2) Lessons 1, 2, 3, 4, 6, 7-9, 10, 11-12, 13, 14, 15; Addition and Subtraction to 100 Lessons 1, 2-3, 4-5, 6-8, 9, 10, 11, 12; Fractions Lessons 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13; Multiplication and Division Lessons 1-2, 3-4, 5, 6, 7, 8, 9, 10, 11, 12-14, 15, 16; Financial Literacy Lessons 1, 2-3, 4, 5-11</p>	<p>Patterning: Let's Talk About Math; Patterning Lessons 2, 3, 4-7, 8-11, 12, 13-14, 15-17, 18, 19; Algebra: Let's Talk About Math; Algebra Lessons 2, 3-4, 5-7, 8-9, 10, 11-12, 13, 14, 15; Data Literacy: Let's Talk About Math; Data Literacy Lessons 2, 3-5, 6-9, 11, 13-16; Probability: Let's Talk About Math; Probability Lessons 1, 2, 3-4, 5-8, 9</p>	<p>Geometric Attributes and Properties Lessons 1, 2-3, 4-5, 6, 7-10; Two-Dimensional Shapes Lessons 2, 3, 4, 5, 6, 8, 9, 10-11, 12-13, 14, 15, 16; Location, Movement, and Coding Concepts Lessons 2, 3, 4-5, 6-7, 8; Linear Measurement Lessons 4, 9, 17; Time Lessons 1, 3, 4-5, 7</p>
<p><b>representing:</b> select from and create a variety of representations of mathematical ideas (e.g., representations involving physical models, pictures, numbers, variables, graphs), and apply them to solve problems</p>	<p>Math in My Life; Quantity and Counting (Part 1) Lessons 1, 2, 3, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18; Addition and Subtraction to 20 Lessons 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13; Quantity and Counting (Part 2) Lessons 1, 2, 3, 4, 6, 7-9, 10, 11-12, 13, 14, 15; Addition and Subtraction to 100 Lessons 1, 2-3, 4-5, 6-8, 9, 10, 11, 12; Fractions Lessons 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13; Multiplication and Division Lessons 1-2, 3-4, 5, 6, 7, 8, 9, 10, 11, 12-14, 15, 16; Financial Literacy Lessons 1, 2, 4, 5-11</p>	<p>Patterning Lessons 4-7, 8-11, 13-14, 15-17, 18, 19; Algebra Lessons 3-4, 5-7, 8-9, 10, 11-12, 13, 14, 15; Data Literacy Lessons 3-5, 6-9, 11, 13-16; Probability Lessons 1, 3-4, 5-8, 9</p>	<p>Geometric Attributes and Properties Lessons 2-3, 4-5, 6, 7-10; Two-Dimensional Shapes Lessons 3, 4, 5, 8, 9, 10-11, 12-13, 14, 15, 16; Location, Movement, and Coding Concepts Lessons 2, 3, 4-5, 6-7, 8; Linear Measurement Lessons 4, 6, 7, 8, 9, 17, Time Lessons 1, 3, 4-5, 7</p>

<p><b>selecting tools and strategies:</b> select and use a variety of concrete, visual, and electronic learning tools and appropriate strategies to investigate mathematical ideas and to solve problems</p>	<p>Quantity and Counting (Part 1) Lessons 1, 3, 6, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18; Addition and Subtraction to 20 Lessons 1, 2, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13; Quantity and Counting (Part 2) Lessons 2, 3, 4, 6, 7-9, 11-12, 13, 14, 15; Addition and Subtraction to 100 Lessons 1, 2-3, 4-5, 6-8, 9, 10, 11, 12; Fractions Lessons 5, 8, 11; Multiplication and Division Lessons 1-2, 3-4, 5, 6, 7, 8, 9, 10, 11, 12-14, 15, 16; Financial Literacy Lessons 1, 2, 3, 4, 5-11</p>	<p>Patterning Lessons 4-7, 8-11, 13-14, 15-17, 18, 19; Algebra: Let's Talk About Math, Algebra Lessons 3-4, 11-12, 13, 14, 15; Data Literacy Lessons 3-5, 11; Probability Lessons 3-4, 9</p>	<p>Geometric Attributes and Properties Lessons 4-5, 7-10; Two-Dimensional Shapes Lessons 3, 4, 6, 8, 9, 10-11, 12-13, 14, 15, 16; Location, Movement, and Coding Concepts Lessons 3, 8; Linear Measurement Lessons 4, 6, 7, 8, 9, 17; Time Lessons 1, 4-5, 7</p>
<p>1. express and manage their feelings, and show understanding of the feelings of others, as they engage positively in mathematics activities</p> <p>2. work through challenging math problems, understanding that their resourcefulness in using various strategies to respond to stress is helping them build personal resilience</p> <p>3. recognize that testing out different approaches to problems and learning from mistakes is an important part of the learning process, and is aided by a sense of optimism and hope</p> <p>4. work collaboratively on math problems – expressing their thinking, listening to the thinking of others, and practising inclusivity – and in that way fostering healthy relationships</p> <p>5. see themselves as capable math learners, and strengthen their sense of ownership of their learning, as part of their emerging sense of identity and belonging</p> <p>6. make connections between math and everyday contexts to help them make informed judgements and decisions</p>	<p>Opportunities to observe students demonstrating all these SEL skills are woven throughout the lessons</p>	<p>Opportunities to observe students demonstrating all these SEL skills are woven throughout the lessons</p>	<p>Opportunities to observe students demonstrating all these SEL skills are woven throughout the lessons</p>
<p><b>B Number</b></p>			
<p><b>B1. Number Sense</b> demonstrate an understanding of numbers and make connections to the way numbers are used in everyday life</p>	<p>Number and Financial Literacy Lesson 2 Math in My Life; and throughout the Lessons indicated below</p>	<p>Throughout the Lessons indicated below.</p>	<p>Throughout the Lessons indicated below.</p>
<p><b>B1.1 Whole Numbers</b> read, represent, compose, and decompose whole numbers up to and including 200, using a variety of tools and strategies, and describe various ways they are used in everyday life</p>	<p>Quantity and Counting (Part 1) Lessons 1, 2, 3, 5, 6, 8, 9, 12, 13, 14, 15, 16, 18; Addition and Subtraction to 20 Lessons 1, 2, 3, 4, 5, 6, 9; Quantity and Counting (Part 2) Lessons 1, 3, 7-8-9, 10, 14, 15; Addition and Subtraction to 100 Lessons 1, 2-3, 4-5, 6-8, 9, 10, 11; Financial Literacy Lessons 1, 2-3, 4, 5-11</p>	<p>Algebra and Data Lessons 8-9, 15; Data Literacy Lesson 2</p>	<p>Two-Dimensional Shapes Lesson 15; Linear Measurement Lesson 4</p>
<p>B1.2 Whole Numbers compare and order whole numbers up to and including 200, in various contexts</p>	<p>Quantity and Counting (Part 1) Lessons 1, 2, 3, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 18; Addition and Subtraction to 20 Lessons 1, 2, 3; Quantity and Counting (Part 2) Lessons 1, 3, 4, 7-8-9, 10, 11-12, 15; Addition and Subtraction to 100 Lessons 2-3, 4-5, 6-8, 9, 10, 11, 12; Financial Literacy Lessons 1, 2-3, 4, 5-11</p>	<p>Algebra and Data Lessons 5-7, 8-9, 10, 11-12, 15; Data Literacy Lesson 2</p>	<p>Linear Measurement Lesson 4</p>

B1.3 Whole Numbers estimate the number of objects in collections of up to 200 and verify their estimates by counting	Quantity and Counting (Part 2) Lesson 2; Financial Literacy Lessons 2-3; Quantity and Counting (Part 2) Lesson 6		Linear Measurement Lesson 4
B1.4 Whole Numbers count to 200, including by 20s, 25s, and 50s, using a variety of tools and strategies	Quantity and Counting (Part 1) Lessons 1, 2, 5, 6, 7, 8, 9, 10, 11, 14, 17; Quantity and Counting (Part 2) Lessons 3, 4, 6, 7-8-9, 11-12, 13, 14, 15; Multiplication and Division Lessons 1-2, 3-4, 5, 6, 7, 8; Financial Literacy Lessons 1, 2-3, 4, 5-11	Patterning Lessons 15, 17, 18, 19	Linear Measurement Lesson 4
B1.5 Whole Numbers describe what makes a number even or odd	Quantity and Counting (Part 2) Lesson 6; Fractions Lessons 12-14		
<b>B1.6 Fractions</b> use drawings to represent, solve, and compare the results of fair-share problems that involve sharing up to 10 items among 2, 3, 4, and 6 sharers, including problems that result in whole numbers, mixed numbers, and fractional amounts	Fractions Lessons 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13	Algebra and Data Lessons 14, 15	
B1.7 Fractions recognize that one third and two sixths of the same whole are equal, in fair-sharing contexts	Fractions Lessons 2, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13		
<b>B2. Operations</b> use knowledge of numbers and operations to solve mathematical problems encountered in everyday life	Throughout the Lessons indicated below.	Throughout the Lessons indicated below.	Throughout the Lessons indicated below.
<b>B2.1 Properties and Relationships</b> use the properties of addition and subtraction, and the relationships between addition and multiplication and between subtraction and division, to solve problems and check calculations	Quantity and Counting (Part 1) Lesson 16; Addition and Subtraction to 20 Lessons 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13; Quantity and Counting (Part 2) Lesson 14; Addition and Subtraction to 100 Lesson 12; Multiplication and Division Lesson 7	Algebra and Data Lessons 5-7, 8-9, 13, 15	Two-Dimensional Shapes Lesson 15
<b>B2.2 Math Facts</b> recall and demonstrate addition facts for numbers up to 20, and related subtraction facts	Quantity and Counting (Part 1) Lesson 16; Addition and Subtraction to 20 Lessons 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13; Quantity and Counting (Part 2) Lesson 14; Addition and Subtraction to 100 Lesson 12	Algebra and Data Lessons 5-7, 8-9, 15	
<b>B2.3 Mental Math</b> use mental math strategies, including estimation, to add and subtract whole numbers that add up to no more than 50, and explain the strategies used	Addition and Subtraction to 20 Lessons 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13; Quantity and Counting (Part 2) Lesson 14; Addition and Subtraction to 100 Lessons 1, 2-3, 4-5, 6-8, 9, 10, 11; Addition and Subtraction to 100 Lesson 12		Two-Dimensional Shapes Lesson 15
<b>B2.4 Addition and Subtraction</b> use objects, diagrams, and equations to represent, describe, and solve situations involving addition and subtraction of whole numbers that add up to no more than 100	Quantity and Counting (Part 1) Lessons 12, 13, 16; Addition and Subtraction to 20 Lessons 4, 5, 6, 7, 8, 9, 10, 11, 12, 13; Addition and Subtraction to 100 Lessons 6-8, 9, 10, 11, 12; Multiplication and Division Lesson 16		Two-Dimensional Shapes Lesson 15
<b>B2.5 Multiplication and Division</b> represent multiplication as repeated equal groups, including groups of one half and one fourth, and solve related problems, using various tools and drawings	Multiplication and Division Lessons 1-2, 3-4, 5, 6, 7, 8, 9, 15, 16	Algebra and Data Lessons 14, 15	
B2.6 Multiplication and Division represent division of up to 12 items as the equal sharing of a quantity, and solve related problems, using various tools and drawings	Multiplication and Division Lessons 10, 11, 12-14, 15		

C. Algebra			
<b>C1. Patterns and Relationships</b> identify, describe, extend, create, and make predictions about a variety of patterns, including those found in real-life contexts	Throughout the Lessons indicated below.	Let's Talk about Math introduction: Patterning; Let's Talk about Math introduction: Algebra; and throughout the Lessons indicated below	Throughout the Lessons indicated below.
<b>C1.1 Patterns</b> identify and describe a variety of patterns involving geometric designs, including patterns found in real-life contexts		Patterning Lessons 2, 3, 4-7, 8-11, 12, 13-14, 15-17, 19	Two-Dimensional Shapes Lesson 5
C1.2 Patterns create and translate patterns using various representations, including shapes and numbers	Quantity and Counting (Part 1) Lesson 9	Patterning Lessons 2, 3, 4-7, 8-11, 13-14, 15-17, 19	
C1.3 Patterns determine pattern rules and use them to extend patterns, make and justify predictions, and identify missing elements in patterns represented with shapes and numbers	Quantity and Counting (Part 1) Lessons 9, 10, 11	Patterning Lessons 2, 3, 4-7, 8-11, 15-17, 19; Algebra and Data Lessons 13, 15	Two-Dimensional Shapes Lesson 5
C1.4 Patterns create and describe patterns to illustrate relationships among whole numbers up to 100	Quantity and Counting (Part 1) Lessons 9, 10, 11; Addition and Subtraction to 100 Lessons 6-8; Financial Literacy Lessons 5-11	Patterning Lessons 15-17, 18, 19; Algebra and Data Lessons 13, 15	
<b>C2. Equations and Inequalities</b> demonstrate an understanding of variables, expressions, equalities, and inequalities, and apply this understanding in various contexts	Throughout the Lessons indicated below.	Let's Talk About Math (Introducing Algebra); and throughout the Lessons indicated below.	
<b>C2.1 Variables</b> identify when symbols are being used as variables, and describe how they are being used		Algebra and Data Lessons 2, 3-4, 5-7, 8-9, 10, 11-12, 14, 15	
<b>C2.2 Equalities and Inequalities</b> determine what needs to be added to or subtracted from addition and subtraction expressions to make them equivalent	Quantity and Counting (Part 1) Lesson 16; Addition and Subtraction to 20 Lessons 1, 2, 3, 4, 5, 6, 7, 8, 10	Algebra and Data Lessons 2, 3-4, 5-7, 8-9, 10, 11-12, 15	
C2.3 Equalities and Inequalities identify and use equivalent relationships for whole numbers up to 100, in various contexts	Quantity and Counting (Part 1) Lesson 16; Addition and Subtraction to 20 Lessons 1, 2, 3, 5, 6, 7, 8	Algebra and Data Lessons 2, 3-4, 5-7, 8-9, 10, 11-12, 15	
<b>C3. Coding</b> solve problems and create computational representations of mathematical situations using coding concepts and skills	Throughout the Lessons indicated below.	Throughout the Lessons indicated below.	Throughout the Lessons indicated below.
<b>C3.1 Coding Skills</b> solve problems and create computational representations of mathematical situations by writing and executing code, including code that involves sequential and concurrent events	Quantity and Counting (Part 1) Lesson 17; Quantity and Counting (Part 2) Lesson 13; Multiplication and Division Lesson 7	Patterning Lessons 18, 19; Algebra Lessons 13, 14	Location, Movement, and Coding Concepts Lessons 2, 4-5, 6-7
C3.2 Coding Skills read and alter existing code, including code that involves sequential and concurrent events, and describe how changes to the code affect the outcomes	Quantity and Counting (Part 1) Lesson 17; Quantity and Counting (Part 2) Lesson 13; Multiplication and Division Lesson 7	Patterning Lessons 18, 19; Algebra and Data Lessons 13, 14	Location, Movement, and Coding Concepts Lessons 2, 4-5, 6-7
<b>C4. Mathematical Modelling</b> apply the process of mathematical modelling to represent, analyse, make predictions, and provide insight into real-life situations	Addition and Subtraction to 20 Lessons 2-3, 5; Quantity and Counting (Part 2) Lessons 6, 13, 15; Multiplication and Division Lessons 1-2, 3-4, 8, 16; Financial Literacy Lesson 8	Patterning Lessons 3, 5; Algebra Lesson 14; Data Literacy Lessons 13-16	Location, Movement, and Coding Concepts Lessons 3, 4-5; Linear Measurement Lesson 4



<b>D. Data</b>			
<b>D1. Data Literacy</b> manage, analyse, and use data to make convincing arguments and informed decisions, in various contexts drawn from real life	Throughout the Lessons indicated below.	Throughout the Lessons indicated below.	Throughout the Lessons indicated below.
<b>D1.1 Data Collection and Organization</b> sort sets of data about people or things according to two attributes, using tables and logic diagrams, including Venn and Carroll diagrams		Data Literacy Lessons 3-5	Geometric Attributes and Properties Lesson 2; Two-Dimensional Shapes Lesson 4
D1.2 Data Collection and Organization collect data through observations, experiments, and interviews to answer questions of interest that focus on two pieces of information, and organize the data in two-way tally tables	Quantity and Counting (Part 1) Lesson 6; Multiplication and Division Lessons 3-4,	Data Literacy Lessons 6-9, 13-16	
<b>D1.3 Data Visualization</b> display sets of data, using one-to-one correspondence, in concrete graphs, pictographs, line plots, and bar graphs with proper sources, titles, and labels	Quantity and Counting (Part 1) Lesson 6; Multiplication and Division Lessons 3-4,	Data Literacy Lessons 6-9, 13-16	
<b>D1.4 Data Analysis</b> identify the mode(s), if any, for various data sets presented in concrete graphs, pictographs, line plots, bar graphs, and tables, and explain what this measure indicates about the data		Data Literacy Lessons 10-12, 13-16	
D1.5 Data Analysis analyse different sets of data presented in various ways, including in logic diagrams, line plots, and bar graphs, by asking and answering questions about the data and drawing conclusions, then make convincing arguments and informed decisions	Quantity and Counting (Part 1) Lesson 6; Addition and Subtraction to 20 Lesson 8; Multiplication and Division Lessons 3-4	Let's Talk about Math introduction: Data Literacy; Data Literacy Lessons 2, 10-12, 13-16	
<b>D2. Probability</b> describe the likelihood that events will happen, and use that information to make predictions		Throughout the Lessons indicated below.	
D2.1 Probability use mathematical language, including the terms "impossible", "possible", and "certain", to describe the likelihood of complementary events happening, and use that likelihood to make predictions and informed decisions		Let's Talk about Math introduction: Probability; Probability Lessons 1, 2, 3, 5-8, 9	
D2.2 Probability make and test predictions about the likelihood that the mode(s) of a data set from one population will be the same for data collected from a different population		Data Literacy Lessons 10-12; Probability Lessons 3, 5-8, 9	
<b>E. Spatial Sense</b>			
<b>E1. Geometric and Spatial Reasoning</b> describe and represent shape, location, and movement by applying geometric properties and spatial relationships in order to navigate the world around them	Throughout the Lessons indicated below.	Throughout the Lessons indicated below.	Throughout the Lessons indicated below.
<b>E1.1 Geometric Reasoning</b> sort and identify two-dimensional shapes by comparing number of sides, side lengths, angles, and number of lines of symmetry		Patterning Lessons 13-14	Geometric Attributes and Properties Lessons 1, 2-3, 4-5, 7-10; Two-Dimensional Shapes Lessons 2, 3, 4, 5, 6, 8, 9, 10-11, 12-13, 16; Location, Movement, and Coding Concepts Lesson 8

E1.2 Geometric Reasoning compose and decompose two-dimensional shapes, and show that the area of a shape remains constant regardless of how its parts are rearranged	Fractions Lessons 10, 11, 13	Patterning Lessons 13-14	Geometric Attributes and Properties Lessons 7-10; Two-Dimensional Shapes Lessons 8, 9, 10-11, 12-13, 14, 15; Location, Movement, and Coding Concepts Lessons 8
E1.3 Geometric Reasoning identify congruent lengths and angles in two-dimensional shapes by mentally and physically matching them, and determine if the shapes are congruent			Geometric Attributes and Properties Lessons 1, 2-3, 4-5, 6, 7-10; Two-Dimensional Shapes Lessons 2, 3, 4, 5, 6, 8, 9, 10-11, 12-13, 14, 16; Location, Movement, and Coding Concepts Lesson 8
<b>E1.4 Location and Movement</b> create and interpret simple maps of familiar places			Location, Movement, and Coding Concepts Lessons 2, 3, 4-5, 8
E1.5 Location and Movement describe the relative positions of several objects and the movements needed to get from one object to another			Location, Movement, and Coding Concepts Lessons 2, 3, 4-5, 6-7, 8
<b>E2. Measurement</b> compare, estimate, and determine measurements in various contexts	Throughout the Lessons indicated below.		Throughout the Lessons indicated below.
<b>E2.1 Length</b> choose and use non-standard units appropriately to measure lengths, and describe the inverse relationship between the size of a unit and the number of units needed	Quantity and Counting (Part 1) Lesson 13		Linear Measurement Lessons 1, 2, 3, 4, 5, 6, 7, 8, 9, 10-12, 16, 17, 18
E2.2 Length explain the relationship between centimetres and metres as units of length, and use benchmarks for these units to estimate lengths			Linear Measurement Lessons 10-12, 13, 14, 15, 16, 17, 18
E2.3 Length measure and draw lengths in centimetres and metres, using a measuring tool, and recognize the impact of starting at points other than zero			Linear Measurement Lessons 1, 2, 10-12, 13, 14, 15, 16, 17, 18
<b>E2.4 Time</b> use units of time, including seconds, minutes, hours, and non-standard units, to describe the duration of various events			Time Lessons 1, 3, 4-5, 6, 7
<b>F. Financial Literacy</b>			
<b>F1. Money and Finances</b> demonstrate an understanding of the value of Canadian currency	Financial Literacy Lesson 1; and throughout the Lessons indicated below	Throughout the Lessons indicated below.	Throughout the Lessons indicated below.
<b>F1.1 Money concepts</b> identify different ways of representing the same amount of money up to Canadian 200¢ using various combinations of coins, and up to \$200 using various combinations of \$1 and \$2 coins and \$5, \$10, \$20, \$50, and \$100 bills	Multiplication and Division Lessons 9, 15; Financial Literacy Lessons 1, 2-3, 4, 5-11	Patterning Lesson 11; Algebra and Data Lessons 10, 15	Two-Dimensional Shapes Lesson 15

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