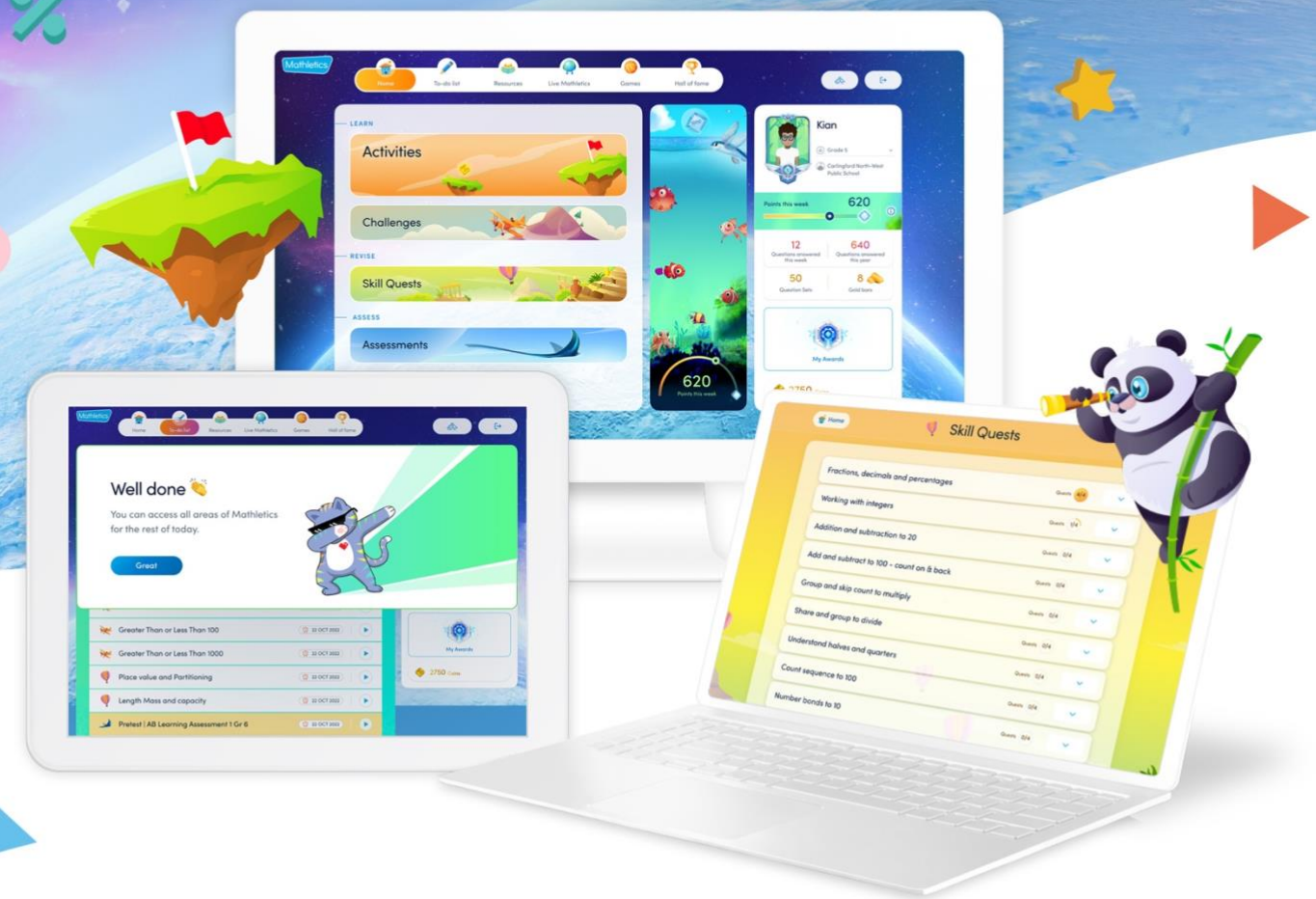
Mathletics

Ontario Curriculum

Activities (Courses) and Skill Quests



Grades K–2

September, 2025

Mathletics

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Ontario Curriculum

Activities (Courses) & Skill Quests

September, 2025

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Kindergarten

Number

Understanding number

OE15 demonstrate an understanding of numbers, using concrete materials to explore and investigate counting, quantity, and number relationships	
Activities	
Number Sense and Numeration	More, Less or the Same to 10
	How Many?
	How Many Dots?
	Count to 5
	Order Numbers to 10
	Dot Display
	Adding to Make 5 and 10
	Model Addition
	Model Subtraction
	Adding to 5
	Subtracting From 5

Measurement

Measurement

OE16 measure, using non-standard units of the same size, and compare objects, materials, and spaces in terms of their length, mass, capacity, area, and temperature, and explore ways of measuring the passage of time, through inquiry and play-based learning	
Activities	
Measurement	Everyday Length
	Everyday Mass
	Compare Length
	Hot or Cold?
	Which Holds More?

Shape and space

Shape and space

OE17 describe, sort, classify, build, and compare two-dimensional shapes and three-dimensional figures, and describe the location and movement of objects, through investigation	
Activities	
Geometry and Spatial Sense	Collect the Shapes

	Collect the Objects
	Match the Solid 1
	Match the Object
	Where is it?
	Left or Right?
	Relate Shapes and Solids

Patterns

Patterns

OE18 recognize, explore, describe, and compare patterns, and extend, translate, and create them, using the core of a pattern and predicting what comes next	
Activities	
Patterning and Algebra	Simple Patterns
	Color Patterns
	Complete the Pattern

Data

Data

OE19 collect, organize, display, and interpret data to solve problems and to communicate information, and explore the concept of probability in everyday contexts	
Activities	
Data Management and Probability	Picture Graphs: More or Less
	Picture Graphs: single-unit scale
	Picture Graphs: Who has the Goods?
	Numbers to 20

Grade 1

B Number

B1 Number Sense: Whole numbers

1.B1.1 read and represent whole numbers up to and including 50, and describe various ways they are used in everyday life	
Activities	
B1 Whole Numbers	Matching Numbers to 10
	Making Teen Numbers
	1st to 31st
	Reading Numbers to 30
	Making Numbers Count
	Ordinal Numbers
Skill Quests	
Read and represent whole numbers to 50	Connect number names, numerals & collections to 50

1.B1.2 compose and decompose whole numbers up to and including 50, using a variety of tools and strategies, in various contexts	
Activities	
Teacher directed	
Skill Quests	
Compose and decompose numbers to 50	Decomposing 2-digit numbers to 50
	Non-standard decomposition: 2-digit numbers to 50

1.B1.3 compare and order whole numbers up to and including 50, in various contexts	
Activities	
B1 Whole Numbers	Compare Numbers to 20
	Order Numbers to 20
	1 to 30
	Compare Numbers to 50
Skill Quests	
Compare and order whole numbers to 50	Comparing collections and numerals to 50
	Ordering collections and numerals to 50

1.B1.4 estimate the number of objects in collections of up to 50, and verify their estimates by counting
Activities
Teacher directed
Skill Quests
Teacher directed

1.B1.5 count to 50 by 1s, 2s, 5s, and 10s, using a variety of tools and strategies	
Activities	
B1 Whole Numbers	Counting Up to 20
	Counting Back Within 20
	Before, After and Between to 20
	Make Numbers Count
	Counting Backward
	Counting Forward
	Count by Twos
	Count by Fives
	Count by Tens
	How Many Dots?
Skill Quests	
Count to 50	Counting by 1s to 50, forward and backward
	Counting by 2s to 50, forward and backward
	Counting by 5s to 50, forward and backward
	Counting by 10s to 50, forward and backward
	Counting by 2s, 5s, 10s to 50

B1 Number Sense: Fractions

1.B1.6 use drawings to represent and solve fair-share problems that involve 2 and 4 sharers, respectively, and have remainders of 1 or 2	
Activities	
B1 Fractions	Making Equal Groups
	Dividing Twos
	Dividing Fours
Skill Quests	
Fair-share problems, 2 and 4 sharers	Solving fair-share problems, 2 and 4 sharers

1.B1.7 recognize that one half and two fourths of the same whole are equal, in fair-sharing contexts	
Activities	
B1 Fractions	Is it Half?
	Halves and Fourths
Skill Quests	
Equivalence, one half and two fourths	Introducing the concept of half

1.B1.8 use drawings to compare and order unit fractions representing the individual portions that result when a whole is shared by different numbers of sharers, up to a maximum of 10
Activities

B1 Fractions	Shade Fractions
Skill Quests	
Compare and order unit fractions	Comparing and ordering unit fractions with models

B2 Operations: Properties and Relationship

1.B2.1 use the properties of addition and subtraction, and the relationship between addition and subtraction, to solve problems and check calculations	
Activities	
B2 Addition & Subtraction	Adding In Any Order
	Add 3 Single Digit Numbers
Skill Quests	
Add/subtract properties & relationship	Introducing the commutative property of addition
	Fact families: addition/subtraction, within 30
	Fact families: addition/subtraction, within 30

B2 Operations: Math Facts

1.B2.2 recall and demonstrate addition facts for numbers up to 10, and related subtraction facts	
Activities	
B2 Addition & Subtraction	Adding to Make 5 and 10
	Adding to Ten
	Model Subtraction
	Subtracting from Ten
B2 Multiplication & Division	Doubles and Halves to 10
Skill Quests	
Addition/subtraction facts to 10	Recognizing and recalling bonds to 10
	Adding and subtracting within 10 fluently
	Modelling and recording combinations to 5
	Modelling and recording combinations to 6
	Modelling and recording combinations to 7
	Modelling and recording combinations to 8
	Modelling and recording combinations to 9

B2 Operations: Mental Math

1.B2.3 use mental math strategies, including estimation, to add and subtract whole numbers that add up to no more than 20, and explain the strategies used	
Activities	
B2 Addition & Subtraction	Addition Facts
	All about Twenty
	Add 3 Single Digit Numbers

	Doubles and Near Doubles
	Addictive Addition
	Subtraction Facts to 18
	Subtracting from 20
	Adding to 10 Word Problems
Skill Quests	
Mental math: add/subtract to 20	Mental strategies: addition and subtraction to 18

B2 Operations: Addition and Subtraction

1.B2.4 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 50	
Activities	
B2 Addition & Subtraction	Adding to Make 5 and 10
	Adding to Ten
	Addition Facts
	All about Twenty
	Doubles and Near Doubles
	Subtracting from Ten
	Subtraction Facts to 18
	Adding to 10 Word Problems
Skill Quests	
Add and subtract to 50	Bridging to ten to add, models
	Adding doubles or near doubles
	Adding using compatible numbers
	Adding 2-digit and 1-digit numbers, place value
	Bridging to ten to subtract, models
	Subtracting using doubles
	Addition and subtraction word problems within 20

B2 Operations: Multiplication and Division

1.B2.5 represent and solve equal-group problems where the total number of items is no more than 10, including problems in which each group is a half, using tools and drawings	
Activities	
B2 Multiplication & Division	Doubles and Halves to 10
Skill Quests	
Represent and solve equal-group problems	Representing and solving equal-group problems

C Algebra

C1 Patterns and Relationships: Patterns

1.C1.1 identify and describe the regularities in a variety of patterns, including patterns found in real-life contexts

Activities	
Teacher directed	
Skill Quests	
Identify and describe patterns	Identifying & describing repeating patterns
	Recognizing repeating patterns

1.C1.2 create and translate patterns using movements, sounds, objects, shapes, letters, and numbers	
Activities	
Teacher directed	
Skill Quests	
Create patterns	Creating repeating patterns

1.C1.3 determine pattern rules and use them to extend patterns, make and justify predictions, and identify missing elements in patterns	
Activities	
C1 Patterns & Relationships	Complete the Pattern
	Simple Patterns
	Missing it!
	Color Patterns
	Pattern Error
Skill Quests	
Patterns: extend, predict, identify	Extending a simple repeating pattern
	Identifying errors & missing elements in patterns

1.C1.4 create and describe patterns to illustrate relationships among whole numbers up to 50	
Activities	
Teacher directed	
Skill Quests	
Create/describe patterns, numbers to 50	Copy/extend additive & subtractive number patterns

C2 Equations and Inequalities: Variables

1.C2.1 identify quantities that can change and quantities that always remain the same in real-life contexts
Activities
Teacher directed
Skill Quests
Teacher directed

C2 Equations and Inequalities: Equalities and Inequalities

1.C2.2 determine whether given pairs of addition and subtraction expressions are equivalent or not	
Activities	
C2 Equalities & Inequalities	Composing Numbers to 10
	Composing Numbers to 20
Skill Quests	
Equivalence: addition and subtraction	Recognizing equality in addition and subtraction

1.C2.3 identify and use equivalent relationships for whole numbers up to 50, in various contexts	
Activities	
C2 Equalities & Inequalities	Composing Numbers to 10
	Composing Numbers to 20
Skill Quests	
Identify & use equivalent relationships	Recognize the concept of equality, numbers to 50

C3 Coding: Coding Skills

1.C3.1 solve problems and create computational representations of mathematical situations by writing and executing code, including code that involves sequential events	
Activities	
Teacher directed	
Skill Quests	
Write/execute code: sequential events	Write/execute code: sequential events

1.C3.2 read and alter existing code, including code that involves sequential events, and describe how changes to the code affect the outcomes	
Activities	
Teacher directed	
Skill Quests	
Read/alter code: sequential events	Read/alter code: sequential events

D Data

D1 Data Literacy: Data Collection and Organization

1.D1.1 sort sets of data about people or things according to one attribute, and describe rules used for sorting

Activities	
D1 Data	Add and Subtract Using Graphs
	Sort It
Skill Quests	
Sorting sets of data	Grouping simple data using 1 attribute

1.D1.2

collect data through observations, experiments, and interviews to answer questions of interest that focus on a single piece of information; record the data using methods of their choice; and organize the data in tally tables

Activities	
D1 Data	Tallies
Skill Quests	
Data collection and recording	Asking simple questions to gather data

D1 Data Literacy: Data Visualization

1.D1.3

display sets of data, using one-to-one correspondence, in concrete graphs and pictographs with proper sources, titles, and labels

Activities	
Teacher directed	
Skill Quests	
Represent data using simple displays	Representing data using simple displays

D1 Data Literacy: Data Analysis

1.D1.4

order categories of data from greatest to least frequency for various data sets displayed in tally tables, concrete graphs, and pictographs

Activities	
Teacher directed	
Skill Quests	
Order category data	Ordering category data

1.D1.5

analyse different sets of data presented in various ways, including in tally tables, concrete graphs, and pictographs, by asking and answering questions about the data and drawing conclusions, then make convincing arguments and informed decisions

Activities	
D1 Data	Analyzing Data
	Picture Graphs: More or Less
	Comparing Groups of Objects
	Picture Graphs: single-unit scale
	Make graphs
Skill Quests	
Interpret basic data displays	Interpreting basic data displays

D2 Probability

1.D2.1 use mathematical language, including the terms “impossible”, “possible”, and “certain”, to describe the likelihood of events happening, and use that likelihood to make predictions and informed decisions	
Activities	
D2 Probability	Will it Happen?
Skill Quests	
Use the basic language of probability	Using the basic language of probability

1.D2.2 make and test predictions about the likelihood that the categories in a data set from one population will have the same frequencies in data collected from a different population of the same size
Activities
Teacher directed
Skill Quests
Teacher directed

E Spatial Sense

E1 Geometric and Spatial Reasoning: Geometric Reasoning

1.E1.1 sort three-dimensional objects and two-dimensional shapes according to one attribute at a time, and identify the sorting rule being used	
Activities	
E1 Geometry	Collect Simple Shapes
	Collect the Shapes
	Collect the Shapes 1
	Count Sides and Corners
Skill Quests	
Sort 3D objects and 2D shapes	Sorting 3D objects, 1 attribute
	Sorting 3D objects, more than 1 attribute
	Sorting basic 2D shapes, 1 attribute
	Sorting basic 2D shapes, more than 1 attribute

1.E1.2 construct three-dimensional objects, and identify two-dimensional shapes contained within structures and objects	
Activities	
E1 Geometry	Relate Shapes and Solids
	How Many Faces?
	How many Edges?
	How many Corners?

Skill Quests	
Construct three-dimensional structures	Constructing three-dimensional structures

1.E1.3 construct and describe two-dimensional shapes and three-dimensional objects that have matching halves	
Activities	
E1 Geometry	Symmetry
Skill Quests	
Teacher directed	

E1 Geometric and Spatial Reasoning: Location and Movement

1.E1.4 describe the relative locations of objects or people, using positional language	
Activities	
E1 Geometry	Where is it?
	Left or Right?
	Following Directions
Skill Quests	
Describe relative locations	Describing position and movement
	Distinguishing between left and right

1.E1.5 give and follow directions for moving from one location to another	
Activities	
E1 Geometry	Where is it?
	Left or Right?
	Following Directions
Skill Quests	
Give and follow directions	Giving directions

E2 Measurement: Attributes

1.E2.1 identify measurable attributes of two-dimensional shapes and three-dimensional objects, including length, area, mass, capacity, and angle	
Activities	
Teacher directed	
Skill Quests	
Identify measurable attributes	Introducing the attribute of length
	Introducing the attribute of mass
	Introducing the attributes of volume and capacity

	Introducing the attribute of area
	Introducing angles as a measurable attribute

1.E2.2 compare several everyday objects and order them according to length, area, mass, and capacity	
Activities	
E2 Measurement	Everyday Length
	Comparing Length
	Balancing Objects
	Everyday Mass
	Which Holds More?
	How Full?
	Filling Fast!
Skill Quests	
Compare and order objects by attributes	Compare areas using direct comparison
	Compare/order mass of 2 objects, pan balance
	Compare/order volume and capacity, informal units
	Compare capacities, direct comparison

1.E2.3 read the date on a calendar, and use a calendar to identify days, weeks, months, holidays, and seasons	
Activities	
E2 Measurement	Days of the Week
	Months of the Year
	Calendar: Days and Dates
	Tomorrow and Yesterday (Scaffolded)
	Using a Calendar
Skill Quests	
The calendar	Introducing the days of the week
	Introducing the months of the year
	Introducing the seasons
	Using calendars

F Financial Literacy

F1 Money & Finances: Money concepts

1.F1.1 identify the various Canadian coins up to 50¢ and coins and bills up to $50, and compare their values	
Activities	
F1 Financial Literacy	Everyday Money
Skill Quests	
Identifying coins and bills	Identifying coins
	Identifying bills

Grade 2

B Number

B1 Number Sense: Whole numbers

2.B1.1 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	
Activities	
B1 Whole Numbers	Matching Numbers to 20
	Making Big Numbers Count
	Number Lines
	Place Value 1
	Repartition Two-digit Numbers
	1 More, 2 Less
	1 More, 10 Less
Skill Quests	
Numbers up to 200	Reading and writing 3-digit numbers to 200
	Reading and writing 2-digit numbers
	Using place value to partition 2-digit numbers
	Identifying place value: 2-digit numbers
	Decomposing 3-digit numbers to 200
	Identifying place value: 3-digit numbers to 200
	Non-standard decomposition: 2-digit numbers
	Non-standard decomposition: 3-digit numbers to 200

2.B1.2 compare and order whole numbers up to and including 200, in various contexts	
Activities	
B1 Whole Numbers	Arranging Numbers
	Which is Bigger?
	Which is Smaller?
	Greater or Less to 100
	Compare Numbers to 100
	Number Line Order
Skill Quests	
Compare and order numbers to 200	Comparing and ordering numbers to 200

2.B1.3 estimate the number of objects in collections of up to 200 and verify their estimates by counting
Activities
Teacher directed

Skill Quests
Teacher directed

2.B1.4 count to 200, including by 20s, 25s, and 50s, using a variety of tools and strategies	
Activities	
B1 Whole Numbers	Going Up
	Going Down
	Before, After & Between to 100
Skill Quests	
Count to 200	Counting by 1s to 200, forward and backward
	Counting by 10s to 200, forward and backward
	Counting by 2s to 200, forward and backward
	Counting by 5s to 200, forward and backward
	Counting by 20s to 200, forward and backward
	Counting by 25s to 200, forward and backward
	Counting by 50s to 200, forward and backward

2.B1.5 describe what makes a number even or odd	
Activities	
B1 Whole Numbers	Odd or Even
	Odd and Even Numbers 1
Skill Quests	
Odd and even numbers	Modelling odd and even number patterns up to 20

B1 Number Sense: Fractions

2.B1.6 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	
Activities	
B1 Fractions	Halves and Fourths
	Thirds and Sixths
	Dividing Threes
	Dividing Sixes
	Make Fair Shares
	Fractions of a Collection 1
Skill Quests	
Fair-share problems: 2, 3, 4, 6 sharers	Fair-share problems with models, 2 or 4 sharers
	Fair-share problems with models, 3 sharers
	Fair-share problems with models, 6 sharers

2.B1.7 recognize that one third and two sixths of the same whole are equal, in fair-sharing contexts	
Activities	
Teacher directed	
Skill Quests	
Equivalence, one third and two sixths	Equivalence, one third and two sixths

B2 Operations: Properties and Relationship

2.B2.1 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	
Activities	
B2 Addition & Subtraction to 100	Related Facts 1
Skill Quests	
Properties and operational relationships	Using the commutative property of addition to 20
	Using repeated addition to multiply
	Using repeated subtraction to divide

B2 Operations: Math Facts

2.B2.2 recall and demonstrate addition facts for numbers up to 20, and related subtraction facts	
Activities	
B2 Addition & Subtraction to 100	All about Twenty
	Subtracting from 20
	Addition
	Simple Subtraction
Skill Quests	
Addition/subtraction facts to 20	Adding and subtracting within 20 fluently

B2 Operations: Mental Math

2.B2.3 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	
Activities	
B2 Addition & Subtraction to 100	Addition
	Add 3 Numbers Using Bonds to 10
	Complements to 10, 20, 50
	Simple Subtraction
Skill Quests	

Mental math: add/subtract to 50	Bridging to ten to mentally add or subtract
	Using place value to mentally add numbers

B2 Operations: Addition and Subtraction

2.B2.4

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

Activities	
B2 Addition & Subtraction to 100	Model Addition
	Add and Subtract Problems
	Subtract Tens
	Decompose Numbers to Subtract
	Bar Model Problems 1
	Bar Model Problems 2
	Add 3 Numbers: Bonds to Multiples of 10
Skill Quests	
Add and subtract to 100	Add/subtract numbers using efficient strategies
	Add 2-digit numbers, number line
	Subtract 2-digit numbers, number line
	Add tens to a 2-digit number, models

B2 Operations: Multiplication and Division

2.B2.5

represent multiplication as repeated equal groups, including groups of one half and one fourth, and solve related problems, using various tools and drawings

Activities	
B2 Multiplication & Division	Groups
	Multiplication Arrays
Skill Quests	
Multiplication as repeated equal groups	Use repeated addition with arrays (2, 5, 10)
	Connect multiplication, arrays, repeated addition
	Repeated addition with one half and one fourth

2.B2.6

represent division of up to 12 items as the equal sharing of a quantity, and solve related problems, using various tools and drawings

Activities	
B2 Multiplication & Division	Making Equal Groups
	Fill the Jars
	Divide Into Equal Groups
Skill Quests	
Represent division up to 12	Sharing objects to divide up to 12, models

C Algebra

C1 Patterns and Relationships: Patterns

2.C1.1 identify and describe a variety of patterns involving geometric designs, including patterns found in real-life contexts	
Activities	
Teacher directed	
Skill Quests	
Identify/describe geometric patterns	Exploring visual patterns
	Exploring simple patterns with transformations

2.C1.2 create and translate patterns using various representations, including shapes and numbers	
Activities	
Teacher directed	
Skill Quests	
Create patterns with shapes and numbers	Create repeating shape patterns
	Identify/extend/describe repeating number patterns

2.C1.3 determine pattern rules and use them to extend patterns, make and justify predictions, and identify missing elements in patterns represented with shapes and numbers	
Activities	
C1 Patterns	Count by Twos
	Count by Fives
	Count by Tens
	Count by 2s, 5s and 10s
	Counting on a 100 grid
	Color Patterns
	Pattern Error
	Missing it!
	Count Forward Patterns
	Count Backward Patterns
Skill Quests	
Pattern rules, repeating patterns	ID errors/missing elements, repeating patterns
	Identify the structure of repeating patterns
	Extend repeating patterns

2.C1.4 create and describe patterns to illustrate relationships among whole numbers up to 100
Activities
Teacher directed

Skill Quests	
Create/describe patterns, numbers to 100	Growing/shrinking/repeating number patterns to 100
	Identify and describe number patterns to 100

C2 Equations and Inequalities: Variables

2.C2.1 identify when symbols are being used as variables, and describe how they are being used	
Activities	
C2 Equations & Inequalities	Missing Values
Skill Quests	
Teacher directed	

C2 Equations and Inequalities: Equalities and Inequalities

2.C2.2 determine what needs to be added to or subtracted from addition and subtraction expressions to make them equivalent	
Activities	
C2 Equations & Inequalities	Composing Numbers to 20
	Missing Values
	All about Ten
	Fact Families: Add and Subtract
Skill Quests	
Explore equality, addition/subtraction	Exploring equality, addition/subtraction

2.C2.3 identify and use equivalent relationships for whole numbers up to 100, in various contexts	
Activities	
Teacher directed	
Skill Quests	
Equivalent relationships to 100	Equivalent addition/subtraction relationships

C3 Coding: Coding Skills

2.C3.1 solve problems and create computational representations of mathematical situations by writing and executing code, including code that involves sequential and concurrent events	
Activities	
Teacher directed	
Skill Quests	
Write code: sequential/ concurrent events	Write/execute code: sequential/concurrent events

2.C3.2 read and alter existing code, including code that involves sequential and concurrent events, and describe how changes to the code affect the outcomes	
Activities	
Teacher directed	
Skill Quests	
Read code: sequential/ concurrent events	Read/alter code: sequential/concurrent events

D Data

D1 Data Literacy: Data Collection and Organization

2.D1.1 sort sets of data about people or things according to two attributes, using tables and logic diagrams, including Venn and Carroll diagrams	
Activities	
Teacher directed	
Skill Quests	
Sort data according to 2 attributes	Introducing Venn diagrams
	Introducing Carroll diagrams
	Relating Carroll and Venn diagrams
	Sorting data using logic diagrams

2.D1.2 collect data through observations, experiments, or interviews to answer questions of interest that focus on two pieces of information, and organize the data in two-way tally tables	
Activities	
Teacher directed	
Skill Quests	
Collect/organize data, two-way tables	Organizing data in a two-way tally table

D1 Data Literacy: Data Visualization

2.D1.3 display sets of data, using one-to-one correspondence, in concrete graphs, pictographs, line plots, and bar graphs with proper sources, titles, and labels	
Activities	
D1 Data Collection & organization	Tally Charts
Skill Quests	
Pictographs, line plots, and bar graphs	Representing and reading data in pictographs
	Representing and reading data in line plots
	Representing and reading data in bar graphs

D1 Data Literacy: Data Analysis

2.D1.4 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	
Activities	
D1 Data Collection & organization	Mode
Skill Quests	
Identify and explain the mode	Identifying and explaining the mode

2.D1.5 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	
Activities	
D1 Data Collection & organization	Read Graphs
	Column Graphs
	Interpreting Tables
	Line Plots
Skill Quests	
Analyse data	Analysing data in a line plot
	Analysing data in a bar graph
	Analysing data in a logic diagram

D2 Probability: Probability

2.D2.1 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	
Activities	
D2 Probability	Will it Happen?
	Fair Games
Skill Quests	
Probability: complementary events	Exploring complementary events
	Using probability language, complementary events

2.D2.2 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
Activities
Teacher directed
Skill Quests
Teacher directed

E Spatial Sense

E1 Geometric and Spatial Reasoning: Geometric Reasoning

2.E1.1 sort and identify two-dimensional shapes by comparing number of sides, side lengths, angles, and number of lines of symmetry	
Activities	
E1 Geometry	Count Sides and Corners
	Sides, Angles and Diagonals
	Collect the Shapes 2
	Shapes
	Symmetry
Skill Quests	
Sort and identify two-dimensional shapes	Comparing two-dimensional shapes
	Identifying and naming two-dimensional shapes
	Sorting two-dimensional shapes
	Recognizing line symmetry

2.E1.2 compose and decompose two-dimensional shapes, and show that the area of a shape remains constant regardless of how its parts are rearranged
Activities
Teacher directed
Skill Quests
Teacher directed

2.E1.3 identify congruent lengths and angles in two-dimensional shapes by mentally and physically matching them, and determine if the shapes are congruent	
Activities	
E1 Geometry	Congruent Figures (Dot Grid)
	Equal Areas
Skill Quests	
Introduce congruent shapes	Introducing congruent shapes

E1 Geometric and Spatial Reasoning: Location and Movement

2.E1.4 create and interpret simple maps of familiar places	
Activities	
Teacher directed	
Skill Quests	
Create and interpret simple maps	Creating and interpreting simple maps

2.E1.5 describe the relative positions of several objects and the movements needed to get from one object to another	
Activities	
E1 Geometry	Where is it?
	Left or Right?
Skill Quests	
Describe relative positions & movements	Describing relative positions & movements

E2 Measurement: Length

2.E2.1 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	
Activities	
E2 Measurement	Measuring Length with Blocks
	Compare Length
	Compare Length 1
Skill Quests	
Measure length, non-standard units	Measuring length, non-standard units
	Measuring length using unit iteration

2.E2.2 explain the relationship between centimetres and metres as units of length, and use benchmarks for these units to estimate lengths	
Activities	
Teacher directed	
Skill Quests	
Introduce centimetres and metres	Introducing formal units for length: centimetres

2.E2.3 measure and draw lengths in centimetres and metres, using a measuring tool, and recognize the impact of starting at points other than zero	
Activities	
E2 Measurement	How Long is That?
Skill Quests	
Measure in metres and centimetres	Measuring in metres and centimetres

E2 Measurement: Time

2.E2.4 use units of time, including seconds, minutes, hours, and non-standard units, to describe the duration of various events
Activities
Teacher directed

Skill Quests	
Use units of time to describe duration	Introducing formal units for time: hours
	Introducing formal units for time: minutes
	Introducing formal units for time: seconds

F Financial Literacy

F1 Money and Finances: Money Concepts

2.F1.1 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	
Activities	
F1 Money Concepts	Skip Counting with Coins
	Money
	Who's got the Money?
Skill Quests	
Represent amounts of money	Using bills and coins to make amounts

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