Mathletics

Victorian Mathematics V2.0

Activities (Courses) and Skill Quests

Years 3 – 6

January, 2026

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Year 3

1 Number

VC2M3N01 identify, explain and use the properties of odd and even numbers	
Course Topics	**Activities**
Read & write numbers to at least 10 000	Odd and Even Numbers 1
Topics	**Skill Quests**
Odd & even numbers	Exploring odd & even numbers

VC2M3N02 recognise, represent and order natural numbers using naming and writing conventions for numerals beyond 10 000	
Course Topics	**Activities**
Read & write numbers to at least 10 000	Place Value 3
	Place Value to Thousands
	Numbers from Words to Digits 1
	Partition and Rename 2
	Partition and Rename 3
	Ascending Order
	Descending Order
	Smallest and largest numbers
	Rounding Numbers
Topics	**Skill Quests**
Numbers up to 10 000	Identifying & counting numbers to 4 digits
	Reading & representing numbers to 4 digits
	Comparing & ordering numbers to 4 digits
	Place value to 4 digits
	Partitioning numbers to 4 digits
	Rounding numbers to 4 digits
Numbers up to 100 000	Comparing & ordering numbers to 5 digits
	Place value to 5 digits
	Partitioning numbers to 5 digits
	Rounding numbers to 5 digits

VC2M3N03 recognise and represent unit fractions including 1/2, 1/3, 1/4, 1/5 and 1/10 and their multiples in different ways; combine fractions with the same denominator to complete the whole	
Course Topics	**Activities**
Unit fractions	Shade Fractions
	Identifying Fractions on a Number Line
	Fractions of a Collection 1
	Fraction Length Models 1
	Unit Fractions
Topics	**Skill Quests**
Fraction symbols	Exploring the meaning of fraction symbols

	Introducing terms numerator & denominator
Find & count in halves & quarters	Finding half of a set or quantity (symbols)
	Finding quarters of sets or shapes (symbols)
	Finding halves & quarters (symbols)
	Counting in halves & quarters to 1
Introduce eighths	Introducing eighths
	Using fractions: halves, quarters & eighths
Introduce thirds	Introducing thirds
	Using fractions: halves, thirds & quarters
Introduce sixths	Introducing sixths
Introduce fifths	Introducing fifths
Introduce tenths	Introducing tenths

VC2M3N04 add and subtract two- and three-digit numbers using place value to partition, rearrange and regroup numbers to assist in calculations without a calculator	
Course Topics	**Activities**
Add & subtract to 3 digits	Add 3 Numbers: Bonds to 100
	Partition Puzzles 2
	Repartition to Subtract
	Nearest 1000?
	Estimation: Add and Subtract
	Estimate Differences
	Estimate Sums
	Bar Model Problems 1
	Bar Model Problems 2
Topics	**Skill Quests**
Addition & subtraction using place value	Add & subtract using number facts within 1000
	Add & subtract 2- & 3-digit using jump strategy
	Add & subtract 2- & 3-digit using place value
	Add & subtract 2- & 3-digit using bridging to 10
	Adding & subtracting - bridging with unknowns
	Adding & subtracting 3-digits using partitioning
	Adding & subtracting 3-digits using place value
	Add & subtract 2- & 3-digit using split strategy
	Add & subtract 2-digit rounding & compensation
	Add & subtract 3-digit rounding & compensation
	Adding & subtracting to make 100
	Add & subtract multiples of 100, 1000 & 10 000
	Add & subtract using non-standard partitioning
	Add & subtract: choosing efficient strategies

VC2M3N05 multiply and divide one- and two-digit numbers, representing problems using number sentences, diagrams and arrays, and using a variety of calculation strategies	
Course Topics	**Activities**
Multiply and divide	Related Facts 2
	Frog Jump Multiplication
	Frog Jump Division
	Equivalent Facts: Multiply
	Divide Into Equal Groups
Topics	**Skill Quests**

Multiplication & division	Using repeated addition to multiply
	Using repeated subtraction to divide
	Relating multiplication & division
	Interpreting & solving mult/div word problems
	Multiplication strategies: 1-digit numbers
	Multiplying 2-digit numbers by a 1-digit number

VC2M3N06 estimate the quantity of objects in collections and make estimates when solving problems to determine the reasonableness of calculations	
Course Topics	**Activities**
Add & subtract to 3 digits	Estimation: Add and Subtract
	Estimate Differences
	Estimate Sums
Topics	**Skill Quests**
Estimation strategies	Estimating additions
	Estimating subtractions
	Judging the reasonableness of answers

VC2M3N07 recognise the relationships between dollars and cents and represent money values in different ways	
Course Topics	**Activities**
Teacher directed	
Topics	**Skill Quests**
Money	Recognising Australian notes & coins
	Counting Australian dollars & cents
	Using money to make purchases

VC2M3N08 use mathematical modelling to solve practical problems involving additive and multiplicative situations, including financial contexts; formulate problems using number sentences and choose calculation strategies, using digital tools where appropriate; interpret and communicate solutions in terms of the situation	
Course Topics	**Activities**
Multiply and divide	Frog Jump Multiplication
	Frog Jump Division
	Divide Into Equal Groups
Topics	**Skill Quests**
Solve practical problems	Solving addition & subtraction practical problems
	Solve multiplication & division practical problems
	Missing number problems using all four operations

VC2M3N09 follow and create algorithms involving a sequence of steps and decisions to investigate numbers; describe any emerging patterns	
Course Topics	**Activities**
Read & write numbers to at least 10 000	Odd and Even Numbers 1
Topics	**Skill Quests**

Create algorithms to investigate numbers	Identifying & creating number patterns
	Working with code to create algorithms

2 Algebra

VC2M3A01 recognise and explain the connection between addition and subtraction as inverse operations, apply to partition numbers and find unknown values in number sentences	
Course Topics	**Activities**
Patterns with numbers	Related Facts 1
	Adding In Any Order
Topics	**Skill Quests**
Addition & subtraction relationship	Relationship between addition & subtraction
	Equivalent number sentences
	Word problems for finding unknown quantities
	Representing add & subtract using a bar model

VC2M3A02 extend and apply knowledge of addition and subtraction facts to 20 to develop efficient mental strategies for computation with larger numbers without a calculator	
Course Topics	**Activities**
Patterns with numbers	Complements to 10, 20, 50
	Complements to 50 and 100
Topics	**Skill Quests**
Apply knowledge of facts to 20	Finding fact families
	Numbers bonds to 20
	Applying facts to 20 to larger numbers

VC2M3A03 recall and demonstrate proficiency with multiplication facts for 3, 4, 5 and 10; extend and apply facts to develop the related division facts	
Course Topics	**Activities**
Patterns with numbers	Counting by Fives
	Count by Fives
	Counting by Tens
	Count by Tens
	Count by 2s, 5s and 10s
	Counting up in 4s
	Dividing Fives
	Grouping in Fives
	Dividing Tens
	Grouping in Tens
	Dividing Fours
	Grouping in Fours
	Dividing Threes
	Grouping in Threes
	Skip Counting with Coins
Topics	**Skill Quests**

Multiplication & division facts for 2	Recalling multiplication & division facts for 2
Multiplication & division facts for 10	Exploring multiplication by 10
	Recalling multiplication & division facts for 10
Multiplication & division facts for 5	Exploring multiplication by 5
	Recalling multiplication & division facts for 5
Mult/div facts for 2, 5 & 10	Multiplication & division facts for 2, 5, 10
Multiplication & division facts for 3	Exploring multiplication by 3
	Recalling multiplication & division facts for 3
Multiplication & division facts for 4	Exploring multiplication by 4
	Recalling multiplication & division facts for 4

3 Measurement

VC2M3M01 identify which metric units are used to measure everyday items; use measurements of familiar items and known units to make estimates	
Course Topics	**Activities**
Length, capacity & mass	Which Unit of Measurement?
	Which Measuring Tool?
	Using a Litre
Topics	**Skill Quests**
Identify metric units of measure	Introducing centimetres
	Introducing millimetres
	Selecting appropriate units to measure length
	Introducing litres
	Introducing millilitres
	Selecting appropriate units to measure capacity
	Introducing kilograms
	Introducing grams
	Selecting appropriate units to measure mass
	Identifying correct units of measurement

VC2M3M02 measure and compare objects using familiar metric units of length, mass and capacity, and instruments with labelled markings	
Course Topics	**Activities**
Length, capacity & mass	Using a Litre
	How Long is That?
	Measure to the Nearest Half Centimetre
	How Heavy?
	Ordering Mass (g)
Topics	**Skill Quests**
Length, mass & capacity	Comparing, ordering & measuring length
	Comparing, ordering & measuring capacity
	Comparing, ordering & measuring mass

VC2M3M03 recognise and use the relationship between formal units of time, including days, hours, minutes and seconds, to estimate and compare the duration of events	
Course Topics	**Activities**
Time: Five minute times & conversions	Five Minute Times
	What is the Time?
	Time Conversions: Whole Numbers 1
Topics	**Skill Quests**
Introduce units of time	Introducing hours
	Introducing minutes
	Introducing seconds
Duration & units of time	Understanding relationship between units of time
	Understanding duration

VC2M3M04 describe the relationship between the hours and minutes on analog and digital clocks, and read the time to the nearest minute	
Course Topics	**Activities**
Time: Five minute times & conversions	Five Minute Times
	What is the Time?
Topics	**Skill Quests**
Tell time	Telling time to five minutes
	Telling time to the minute

VC2M3M05 identify angles as measures of turn and use right angles as a reference to compare angles in everyday situations	
Course Topics	**Activities**
Introduction to angles	Equal Angles
	Comparing Angles
	Right Angle Relation
Topics	**Skill Quests**
Identify & compare angles	Introducing angles
	Introducing right angles

4 Space

VC2M3SP01 make, compare and classify objects, identifying key features and explaining why these features make them suited to their uses	
Course Topics	**Activities**
Classify shapes	How Many Faces?
	How many Edges?
	Count the Corners
	Count Sides and Corners
	Relate Shapes and Solids
	Collect the Objects
Topics	**Skill Quests**
3D objects	Exploring prisms & pyramids

	Introducing nets
	Recognising & comparing 3D objects
	Describing & sorting 3D objects
	Comparing 2D shapes & 3D objects

VC2M3SP02 interpret and create two-dimensional representations of familiar environments, locating key landmarks and objects relative to each other	
Course Topics	**Activities**
Position	Following Directions
	Coordinate Meeting Place
	Map Coordinates
	Where is it?
Topics	**Skill Quests**
Interpret & create maps	Interpreting simple maps

5 Statistics

VC2M3ST01 acquire data for categorical and discrete numerical variables to address a question of interest or purpose by observing, collecting and accessing data sets; record the data using appropriate methods, including frequency tables and spreadsheets	
Course Topics	**Activities**
Sort, represent & interpret data	Tallies
	Sorting Data
	Pictographs
	Column Graphs
Topics	**Skill Quests**
Collect & record data	Collecting & recording category data
	Using tables

VC2M3ST02 create and compare different graphical representations of data sets, including using software where appropriate; interpret the data in terms of the context	
Course Topics	**Activities**
Sort, represent & interpret data	Interpreting Tables
	Reading from a Column Graph
	Add and Subtract Using Graphs
Topics	**Skill Quests**
Create & compare data representations	Representing & interpreting data displays
	Comparing data displays

VC2M3ST03 conduct guided statistical investigations involving the collection, representation and interpretation of data for categorical and discrete numerical variables with respect to questions of interest	
Course Topics	**Activities**

Teacher directed	
Topics	**Skill Quests**
Understand statistical investigations	Introducing the statistical investigation process
	Conducting a statistical investigation

6 Probability

VC2M3P01 identify practical activities and everyday events that involve chance, and describe possible outcomes and events as 'likely' or 'unlikely' and identify some events as 'certain' or 'impossible', explaining reasoning	
Course Topics	**Activities**
Probability	Will it Happen?
	Most Likely and Least Likely
	Introductory Probability
	What are the Chances?
Topics	**Skill Quests**
Language of chance	Using basic probability language

VC2M3P02 conduct repeated chance experiments; identify and describe possible outcomes, record the results, and recognise and discuss the variation	
Course Topics	**Activities**
Probability	How many Combinations?
Topics	**Skill Quests**
Chance experiments	Conducting chance experiments

Year 4

1 Number

VC2M4N01 recognise and extend the application of place value to tenths and hundredths and use the conventions of decimal notation to name and represent decimals	
Course Topics	**Activities**
Introducing decimals	Decimals from Words to Digits 1
	Decimals on the Number Line
	Decimal Place Value
	Who's got the Money?
	Money
Topics	**Skill Quests**
Numbers up to 1 000 000	Reading & representing numbers to 6 digits
	Comparing & ordering numbers to 6 digits
	Place value to 6 digits
	Partitioning numbers to 6 digits
	Counting by ones, tens & hundreds
Numbers of any size	Reading & representing numbers of any size
	Comparing & ordering numbers of any size
	Place value of numbers of any size
	Partitioning numbers of any size
Place value to hundredths	Introducing decimal notation
	Understanding decimal tenths
	Understanding decimal hundredths
	Partitioning decimal hundredths
Connect decimals & fraction	Connecting fractions & decimal notation
Round decimal tenths & hundredths	Rounding decimal tenths & hundredths
Decimals used in money	Understanding decimals used in money

VC2M4N02 investigate number sequences involving multiples of 3, 4, 6, 7, 8 and 9	
Course Topics	**Activities**
Patterns in multiplication & division	Grouping in Threes
	Grouping in Fours
	Grouping in Sixes
	Grouping in Sevens
	Grouping in Eights
	Grouping in Nines
	Dividing Threes
	Dividing Fours
	Dividing Sixes
	Dividing Sevens
	Dividing Eights
	Dividing Nines
Topics	**Skill Quests**
Investigating sequences with multiples	Investigating sequences with multiples

VC2M4N03 find equivalent representations of fractions using related denominators and make connections between fractions and decimal notation	
Course Topics	**Activities**
Fractions & equivalents	What Fraction is Shaded?
	What Fraction Is Shaded 1
	What Mixed Number Is Shaded?
	Equivalent Fraction Wall 1
	Equivalent Fraction Wall 2
	Simplifying Fractions
	Thirds and Sixths
Topics	**Skill Quests**
Equivalent fractions	Investigating equivalent fractions less than 1
	Investigating equivalent fractions greater than 1
	Patterns in equivalent fractions
	Using multiplication to find equivalent fractions

VC2M4N04 count by multiples of quarters, halves and thirds, including mixed numerals; locate and represent these fractions as numbers on number lines	
Course Topics	**Activities**
Fractions & equivalents	Partition into Equal Parts
	Counting with Fractions on a Number Line
Topics	**Skill Quests**
Count by fractions & mixed numerals	Counting in halves & quarters
	Counting in halves, quarters & eighths
	Counting in thirds
	Counting in tenths
	Counting in simple fractions on a number line
Convert fraction types using models	Converting mixed numerals to improper fractions

VC2M4N05 solve problems involving multiplying or dividing natural numbers by multiples and powers of 10 without a calculator, using the multiplicative relationship between the place value of digits	
Course Topics	**Activities**
Patterns in multiplication & division	Multiplying by 10, 100, 1000
	Dividing by 10, 100, 1000
Topics	**Skill Quests**
Mult/div by multiples of 10, 100 & 1000	Using place value to multiply by 10
	Multiplying by multiples of 100
	Multiplying by 1000
	Dividing by multiples of 10
	Dividing by multiples of 100
	Dividing by 1000

VC2M4N06 develop efficient mental and written strategies and use appropriate digital tools for solving problems involving addition and subtraction, and multiplication and division where there is no remainder	
Course Topics	**Activities**
Strategies to add & subtract	Bump Add and Subtract
	Jump Add and Subtract
	Complements to 10, 20, 50
	Split Add and Subtract
	Compensation – Add
	Column Addition 1
	Columns that Subtract
	Subtract Numbers
	Estimate Sums
	Estimate Differences
	Magic Symbols 1
Strategies to multiply & divide	Double and Halve to Multiply
	Fact Families: Multiply and Divide
	Multiplication Arrays
	Arrays 1
	Arrays 2
	Related Facts 2
	Model Multiplication to 5 × 5
	Grid Methods 1
	Problems: Times and Divide
Topics	**Skill Quests**
Addition & subtraction using algorithms	Addition algorithms (without regrouping)
	Addition algorithms (with regrouping)
	Addition algorithms (with & without regrouping)
	Subtraction algorithms (without decomposing)
	Subtraction algorithms (with decomposing)
Addition & subtraction strategies	Add & subtract using efficient strategies
	Add & subtract using a bar model
	Add & subtract using place value partitioning
	Add & subtract using jump strategies
	Add & subtract using split strategies
	Add & subtract using round & compensate strategies
Mult & div strategies, no remainder	Multiplication strategies: 1-digit numbers
	Using the conventions of multiplication
	Inverse facts: multiplication & division
	Practising multiplication strategies
	Multiplying 2-digit numbers by a 1-digit number
	Multiplying 2-digit numbers using doubling
	Multiplying 2-digit numbers using factorising
	Selecting effective multiplication strategies
	Selecting effective division strategies
	Comparisons using the language of multiplication
	Dividing a 2-digit number by a 1-digit number

VC2M4N07 choose and use estimation and rounding to check and explain the reasonableness of calculations, including the results of financial transactions	
Course Topics	**Activities**
Strategies to add & subtract	Estimate Sums

	Estimate Differences
Strategies to multiply & divide	Estimation: Multiply and Divide
Topics	**Skill Quests**
Use estimation & rounding	Rounding & estimating with addition
	Rounding & estimating with subtraction
	Checking accuracy of addition & subtraction
	Estimating with multiplication & division

VC2M4N08 solve problems involving purchases and the calculation of change to the nearest 5 cents with and without digital tools	
Course Topics	**Activities**
Problem solving with models	How much Change?
Topics	**Skill Quests**
Solving money problems	Addition & subtraction money problems
	Using estimating with money

VC2M4N09 use mathematical modelling to solve practical problems that involve additive and multiplicative situations, including financial contexts; formulate the problems using number sentences and choose efficient calculation strategies, using digital tools where appropriate; interpret and communicate solutions in terms of the situation	
Course Topics	**Activities**
Problem solving with models	Bar Model Problems 1
	Bar Model Problems 2
	Fractions of a Collection 1
	Fractions of a Collection 2
	Multiply and Divide Problems 1
	How much Change?
Topics	**Skill Quests**
Addition & subtraction word problems	Addition & subtraction word problems
	Posing addition & subtraction problems
	Expressing word problems as equations
Multiplication & division word problems	Expressing equations as word problems
	Solving multiplication & division word problems.

VC2M4N10 follow and create algorithms involving a sequence of steps and decisions that use addition or multiplication to generate sets of numbers; identify and describe any emerging patterns	
Course Topics	**Activities**
Teacher directed	
Topics	**Skill Quests**
Sequences & patterns	Exploring number patterns
	Finding & generating shape patterns from a rule
	Generating add/sub patterns from a rule
	Generating multiplication patterns from a rule
	Using a function machine to apply rules to numbers
	Working with code to create algorithms

2 Algebra

VC2M4A01 find unknown values in numerical equations involving addition and subtraction, using the properties of numbers and operations	
Course Topics	**Activities**
Patterns & missing numbers	Describing Patterns
	Missing Values
	I am Thinking of a Number!
	Balance Numbers to 20
	Odd and Even Numbers 1
Topics	**Skill Quests**
Addition & subtraction number sentences	Using inverse operations for add/sub equations
	Relationship between addition & subtraction
	Equivalent number sentences
	Word problems for finding unknown quantities

VC2M4A02 recall and demonstrate proficiency with multiplication facts up to 10 × 10 and related division facts, and explain the patterns in these; extend and apply facts to develop efficient mental and written strategies for computation with larger numbers without a calculator	
Course Topics	**Activities**
Patterns in multiplication & division	Grouping in Threes
	Grouping in Fours
	Grouping in Sixes
	Grouping in Sevens
	Grouping in Eights
	Grouping in Nines
	Dividing Threes
	Dividing Fours
	Dividing Sixes
	Dividing Sevens
	Dividing Eights
	Dividing Nines
	Multiplication Turnarounds
	Missing Numbers: x and ÷ facts
	Times Tables
	Multiply 3 single-digit numbers
	Multiplying by 10, 100, 1000
	Dividing by 10, 100, 1000
Topics	**Skill Quests**
Multiplication & division facts	Multiplication & division facts up to 5
	Multiplying & dividing by 6 up to 60
	Multiplying & dividing by 7 up to 70
	Multiplying & dividing by 8 up to 80
	Multiplying & dividing by 9 up to 90
	Multiplying & dividing to 10 x 10

3 Measurement

VC2M4M01 use scaled and digital instruments to interpret unmarked and partial units to measure and compare lengths, masses, capacities, durations and temperatures, using appropriate units	
Course Topics	**Activities**
Using scaled instruments	How Heavy?
	How Long is That?
	Measuring Length
	Measure to the Nearest Half Centimetre
	What's the Temperature (Celsius)?
Perimeter & area	Perimeter of Shapes
	Area of Shapes
	Equal Areas
	Biggest Shape
Time conversions	What is the Time?
	Time Conversions: Whole Numbers 1
	Time Conversions: Whole Numbers 2
	Time Conversions: Simple Fractions
	Time Conversions: Simple Decimals (0.25, 0.5, 0.75)
Angles	Equal Angles
	Comparing Angles
	Right Angle Relation
	What Type of Angle?
Topics	**Skill Quests**
Length, mass, capacity & temperature	Metric units of length
	Length & 3D objects
	Measuring temperature
	Measuring capacity in millilitres
	Measuring mass in grams & kilograms
	Reading scales with metric units

VC2M4M02 recognise ways of measuring and approximating the perimeter and area of shapes and enclosed spaces, using appropriate formal and informal units	
Course Topics	**Activities**
Perimeter & area	Perimeter of Shapes
	Area of Shapes
	Equal Areas
Topics	**Skill Quests**
Measure perimeter	Introducing perimeter
	Measuring perimeter
Measure area	Measuring & estimating area using square units
	Introducing area using formal units
	Measuring & comparing regular & irregular shapes
	Measuring area using formal units

VC2M4M03 solve problems involving the duration of time including situations involving 'am' and 'pm' and conversions between units of time	
Course Topics	**Activities**
Time conversions	What is the Time?
	Time Conversions: Whole Numbers 1
	Time Conversions: Whole Numbers 2
	Time Conversions: Simple Fractions
	Time Conversions: Simple Decimals (0.25, 0.5, 0.75)
Topics	**Skill Quests**
Convert units of time	Converting units of time
Solve duration of time problems	Understanding am & pm notation
	Solving duration of time problems

VC2M4M04 estimate and compare angles using angle names including acute, obtuse, straight angle, reflex and revolution, and recognise their relationship to a right angle	
Course Topics	**Activities**
Angles	Equal Angles
	Comparing Angles
	Right Angle Relation
	What Type of Angle?
Topics	**Skill Quests**
Classify angles	Classifying angles

4 Space

VC2M4SP01 explain and compare the geometric properties of two-dimensional shapes and three-dimensional objects	
Course Topics	**Activities**
Shapes & solids	Relate Shapes and Solids
	Collect the Objects 2
Topics	**Skill Quests**
Composing & decomposing 2D shapes	Composing & decomposing 2D shapes

VC2M4SP02 represent and approximate composite shapes and objects in the environment, using combinations of familiar shapes and objects	
Course Topics	**Activities**
Teacher directed	
Topics	**Skill Quests**
Identify composite shapes & objects	Identify composite shapes & objects

VC2M4SP03 create and interpret grid reference systems using grid references and directions to locate and describe positions and pathways	
Course Topics	**Activities**
Describing position	Coordinate Meeting Place
	Map Coordinates
	Using a Key
	What Direction was That?
	More Directions!
Topics	**Skill Quests**
Create & interpret grid references	Working with grid reference systems

VC2M4SP04 recognise line and rotational symmetry of shapes and create symmetrical patterns and pictures, using dynamic geometry software where appropriate	
Course Topics	**Activities**
Symmetry	Symmetry
	Symmetry or Not?
	Rotational Symmetry
Topics	**Skill Quests**
Line & rotational symmetry	Recognising & drawing line symmetry
	Rotational symmetry
Symmetrical patterns, pictures & shapes	Creating & drawing symmetrical designs
	Recognising tessellations

5 Statistics

VC2M4ST01 acquire data for categorical and discrete numerical variables to address a question of interest or purpose using digital tools; represent data using many-to-one pictographs, column graphs and other displays or visualisations; interpret and discuss the information that has been created	
Course Topics	**Activities**
Collect, display & interpret data	Picture Graphs: with scale & half symbols
	Making Picture Graphs: With Scale
	Column Graphs
	Reading from a Column Graph
	Histograms
Topics	**Skill Quests**
Represent data with many-to-one graphs	Column graphs using many-to-one correspondence
	Picture graphs with many-to-one correspondence

VC2M4ST02 analyse the effectiveness of different displays or visualisations in illustrating and comparing data distributions, then discuss the shape of distributions and the variation in the data	
Course Topics	**Activities**
Collect, display & interpret data	Histograms
Topics	**Skill Quests**
	Evaluating & comparing data displays

Evaluate & compare data displays	Evaluating the shape of data sets

VC2M4ST03 conduct statistical investigations, collecting data through survey responses and other methods; record and display data using digital tools; interpret the data and communicate the results	
Course Topics	**Activities**
Teacher directed	
Topics	**Skill Quests**
Methods of data collection	Surveys & sorting data

6 Probability

VC2M4P01 describe possible everyday events and the possible outcomes of chance experiments and order outcomes or events based on their likelihood of occurring; identify independent or dependent events	
Course Topics	**Activities**
Probability	Chance Gauge
	What are the Chances?
	Counting Techniques 1
Topics	**Skill Quests**
Chance events	Describing the chance of events occurring
	Exploring non-simultaneous everyday events
	Independent & dependent events

VC2M4P02 conduct repeated chance experiments to observe relationships between outcomes in games and other chance situations, and identify and describe the variation in results	
Course Topics	**Activities**
Teacher directed	
Topics	**Skill Quests**
Chance experiments	Conducting chance experiments
	Investigating equally likely outcomes of chance

Year 5

1 Number

VC2M5N01 interpret, compare and order numbers with more than 2 decimal places, including numbers greater than one, using place value understanding; represent these on a number line	
Course Topics	**Activities**
Decimals	Decimals from Words to Digits 1
	Decimals on the Number Line
	Decimal Place Value
	Nearest Whole Number
Topics	**Skill Quests**
Understand decimals to thousandths	Introducing decimal thousandths
	Partitioning decimals of any size
	Comparing & ordering decimals
	Interpreting zeros at end of decimals
	Decimal & fraction equivalences
	Connecting decimals to the metric system

VC2M5N02 express natural numbers as products of their factors, recognise multiples and determine if one number is divisible by another	
Course Topics	**Activities**
Factors & Multiples	Multiples
	Lowest Common Multiple
	Factors
	Highest Common Factor
	Find the Factor
	Divisibility Tests (2, 5, 10)
	Divisibility Tests (3, 4, 9)
	Tests of Divisibility 1
Topics	**Skill Quests**
Multiples & factors	Finding multiples
	Finding factors
	Solving problems using factors & multiples
Divisibility tests	Divisibility tests for 2, 5 & 10
	Divisibility tests for 3, 4, 6, 8 & 9

VC2M5N03 compare and order common unit fractions with the same and related denominators, including mixed numerals, applying knowledge of factors and multiples; represent these fractions on a number line	
Course Topics	**Activities**
Compare & order fractions	Shading Equivalent Fractions
	Equivalent Fraction Wall 2
	Equivalent Fractions on a Number Line 1
	Equivalent Fractions
	Compare Fractions 1a
	Compare Fractions 1b

	Identifying Fractions Beyond 1
	Improper to Mixed
	Mixed to Improper
	Converting Mixed and Improper
	Identifying Fractions on a Number Line
	Mixed and Improper Fractions on a Number Line
Topics	**Skill Quests**
Compare & order fractions	Comparing & ordering fractions
	Comparing & ordering fractions & mixed numbers
	Using common factors to simplify proper fractions

VC2M5N04 recognise that 100% represents the complete whole and use percentages to describe, represent and compare relative size; connect familiar percentages to their decimal and fraction equivalents	
Course Topics	**Activities**
Fractions, decimals & percentages	Modelling Percentages
	Fractions to Decimals
	Percents and Decimals
	Common Fractions as Percentages (AU)
	Decimal Order
	Comparing Decimals
Topics	**Skill Quests**
Fractions, decimals & percentages	Introducing percentages
	Connecting percentages & decimals
	Connecting percentages & fractions
	Relationship - percentages, decimals & fractions

VC2M5N05 solve problems involving addition and subtraction of fractions with the same or related denominators, using different strategies	
Course Topics	**Activities**
Add & subtract fractions	Add: Common Denominator
	One Take Fraction
	Subtract: Common Denominator
	Add Subtract Fractions 1
	Common Denominator
	Add Like Mixed Numbers
	Subtract Like Mixed Numbers
Topics	**Skill Quests**
Add & subtract fractions	Add & subtract proper fractions - same denominator
	Add & subtract mixed numerals - same denominator
	Add & subtract fractions - related denominators
	Add & subtract mixed num - related denominators

VC2M5N06 solve problems involving multiplication of larger numbers by one- or two-digit numbers, choosing efficient mental and written calculation strategies and using digital tools where appropriate; check the reasonableness of answers	
Course Topics	**Activities**
Multiply & divide by 2 digits	Multiply Multiples of 10
	Multiply More Multiples of 10

	Multiply 2 Digits Area Model
	Grid Methods 1
	Double and Halve to Multiply
Rounding & estimating	Estimate Products
	Estimation: Multiply and Divide
Topics	**Skill Quests**
Strategies to multiply by 1- or 2-digits	Multiplication using multiples of 10
	Multiplying: rounding, compensating & partitioning
	Multiplying: doubling, halving & thirding
	Multiplying using the split method
	Multiplying using an area model
	Multiplying by factorising
	Multiplying using expanded algorithm
	Multiplying using contracted algorithm
	Multiplying using extended form of algorithm

VC2M5N07 solve problems involving division, choosing efficient mental and written strategies and using digital tools where appropriate; interpret any remainder according to the context and express results as a whole number, decimal or fraction	
Course Topics	**Activities**
Multiply & divide by 2 digits	Mental Methods Multiplication 1
	Dividing by 10, 100, 1000
	Division Facts 1
	Remainders by Arrays
	Mental Methods Division 1
	Mental Methods Division
Rounding & estimating	Estimate Quotients
	Estimation: Multiply and Divide
Topics	**Skill Quests**
Division strategies incl. remainders	Dividing by a 1-digit number using partitioning
	Dividing by a 2-digit number using partitioning
	Dividing by a 1-digit number using factorising
	Dividing by a 2-digit number using factorising
	Extended division - no remainders or zeros
	Extended division with remainders
	Extended division with & without remainders
	Contracted division - no remainders or zeros
	Contracted division- no remainders
	Contracted division - with & without remainders
	Dividing by 2-digit numbers - formal algorithms

VC2M5N08 check and explain the reasonableness of solutions to problems, including financial contexts using estimation strategies appropriate to the context	
Course Topics	**Activities**
Rounding & estimating	Rounding Numbers
	Rounding off Numbers
	Estimate Sums
	Estimate Differences
	Estimate Products
	Estimate Quotients

	Estimation: Multiply and Divide
	Estimate Decimal Sums 2
	Estimate Decimal Operations
Topics	**Skill Quests**
Estimation & rounding	Rounding to estimate addition & subtraction
	Rounding to estimate multiplication & division
	Estimating with money

VC2M5N09 use mathematical modelling to solve practical problems involving additive and multiplicative situations, including simple financial planning contexts; formulate the problems, choosing operations and efficient mental and written calculation strategies, and using digital tools where appropriate; interpret and communicate solutions in terms of the situation	
Course Topics	**Activities**
Solving practical problems	Columns that Add
	Add Two 2-Digit Numbers
	Add 3-Digit Numbers
	Columns that Subtract
	Subtract Numbers
	Multiply: 1-Digit Number
	Multiply: 2-Digit by 1-Digit
	Divide: 1-Digit Divisor 1
	Bar Model ×÷
	Problems: Times and Divide
Topics	**Skill Quests**
Add & subtract practical problems	Addition & subtraction word problems
	Expressing word problems as equations add/sub
	Solving add & subtract money problems
Multiply & divide practical problems	Multiplication & division word problems
	Expressing word problems as equations mult/div
	Solving mult-step mult/div word problems
	Solving mult & div money problems
All operations practical problems	Express equations as word problems all operations

VC2M5N10 follow a mathematical algorithm involving branching and repetition (iteration); create and use algorithms involving a sequence of steps and decisions and digital tools to experiment with factors, multiples and divisibility; identify, interpret and describe emerging patterns	
Course Topics	**Activities**
Missing Values	Equivalent Facts: Multiply
	Missing Values
	Solve Equations: Multiply, Divide 1
	I am Thinking of a Number!
	Fit the Conditions 1
Topics	**Skill Quests**
Create & use algorithms	Manipulating numbers using a given rule
	Designing flowcharts to solve add/sub of fractions
	Factors & multiples

2 Algebra

VC2M5A01 recognise and explain the connection between multiplication and division as inverse operations and use this to develop families of number facts	
Course Topics	**Activities**
Family of facts	Fact Families: Multiply and Divide
	Multiplication Turnarounds
Topics	**Skill Quests**
Connect multiplication & division	Inverse relationship - multiplication & division

VC2M5A02 find unknown values in numerical equations involving multiplication and division using the properties of numbers and operations	
Course Topics	**Activities**
Family of facts	Missing Numbers: x and ÷ facts
	Times Tables
	Multiply 3 single-digit numbers
Topics	**Skill Quests**
Find unknown values in mult & div	Finding unknown values - multiplication & division

3 Measurement

VC2M5M01 choose appropriate metric units when measuring the length, mass and capacity of objects; use smaller units or a combination of units to obtain a more accurate measure	
Course Topics	**Activities**
Metric conversions	Kilometre Conversions
	Metres and Kilometres
	Millilitres and Litres
	Litre Conversions
	Kilogram Conversions
	Grams and Kilograms
Topics	**Skill Quests**
Choose appropriate metric units	Introducing kilometres
	Comparing & ordering units of length
	Selecting appropriate units – length
	Comparing & ordering units of mass
	Selecting appropriate units – mass
	Selecting appropriate units – capacity
	Recognising suitable metric units - all

VC2M5M02 solve practical problems involving the perimeter and area of regular and irregular shapes using appropriate metric units	
Course Topics	**Activities**
Perimeter & area	Perimeter: Squares and Rectangles
	Area of Shapes
	Biggest Shape
	Equal Areas
	Area: Squares and Rectangles
Topics	**Skill Quests**
Perimeter & area - practical problems	Calculating perimeter practical problems
	Calculating area practical problems

VC2M5M03 compare 12- and 24-hour time systems and solve practical problems involving the conversion between them	
Course Topics	**Activities**
Time problems	Time Conversions: Whole Number 1
	Time Conversions: Whole Number 2
	Elapsed Time
	24 Hour Time
	Using Timetables
Topics	**Skill Quests**
Use 24-hour time	Using 24-hour notation
	Using 24-hour time in timetables

VC2M5M04 estimate, construct and measure angles in degrees, using appropriate tools, including a protractor, and relate these measures to angle names	
Course Topics	**Activities**
Angles	Classifying Angles
	Measuring Angles
	Estimating Angles
Topics	**Skill Quests**
Estimate, construct & measure angles	Identifying, estimating & measuring angles
	Classifying & constructing angles

4 Space

VC2M5SP01 connect objects to their nets and build objects from their nets using spatial and geometric reasoning	
Course Topics	**Activities**
Shapes & solids	What Pyramid am I?
	What Prism am I?
	Prisms and Pyramids
Topics	**Skill Quests**
Connect objects to nets	Connecting prisms & pyramids with their nets

	Connecting 3D objects with their nets

VC2M5SP02 construct a grid coordinate system that uses coordinates to locate positions within a space; use coordinates and directional language to describe position and movement	
Course Topics	**Activities**
Position	Map Coordinates
	Coordinate Graphs: 1st Quadrant
	More Directions!
Topics	**Skill Quests**
Use coordinates in a grid system	Working with grid referenced maps
	Using Cartesian coordinate system - first quadrant
	Using landmarks & directional language

VC2M5SP03 describe and perform translations, reflections and rotations of shapes, using dynamic geometry software where appropriate; recognise what changes and what remains the same, and identify any symmetries	
Course Topics	**Activities**
Transformations	Flip, Slide, Turn
	Transformations
	Rotational Symmetry
Topics	**Skill Quests**
Identify & describe transformations	Identifying & describing transformations

5 Statistics

VC2M5ST01 acquire, validate and represent data for nominal and ordinal categorical and discrete numerical variables to address a question of interest or purpose using software including spreadsheets; discuss and report on data distributions in terms of highest frequency (mode) and shape, in the context of the data	
Course Topics	**Activities**
Collect, display & interpret data	Stem and Leaf Plots: Concept
	Dot Plots
	Divided Bar Graphs
	Tally Charts
	Sector Graphs
	Mode
	Mode from Stem and Leaf Plot
	Mode from Frequency Table
	Grouping data and modal class
Topics	**Skill Quests**
Acquire, validate & represent data	Conducting surveys or statistical investigations
Understand data distributions	Understanding & calculating the mode
	Introducing the shape of data distribution

VC2M5ST02 interpret line graphs representing change over time; discuss the relationships that are represented and conclusions that can be made	
Course Topics	**Activities**
Collect, display & interpret data	Line Graphs: Interpretation
	Travel Graphs
Topics	**Skill Quests**
Interpret line graphs	Interpreting line graphs

VC2M5ST03 plan and conduct statistical investigations by posing questions or identifying a problem and collecting relevant data; choose appropriate displays and interpret the data; communicate findings within the context of the investigation	
Course Topics	**Activities**
Teacher directed	
Topics	**Skill Quests**
Teacher directed	

6 Probability

VC2M5P01 list the possible outcomes of chance experiments involving equally likely outcomes and compare to those that are not equally likely	
Course Topics	**Activities**
Probability	What are the Chances?
	Chance Gauge
	Introductory Probability
	Fair Games
Topics	**Skill Quests**
Outcomes of chance experiments	Investigating equally likely outcomes
	Exploring fair & unfair chance experiments

VC2M5P02 conduct repeated chance experiments, including those with and without equally likely outcomes, and observe and record the results; use frequency to compare outcomes and estimate their likelihoods	
Course Topics	**Activities**
Teacher directed	
Topics	**Skill Quests**
Teacher directed	

Year 6

1 Number

VC2M6N01 recognise situations, including financial contexts, that use integers; locate and represent integers on a number line and as coordinates on the Cartesian plane	
Course Topics	**Activities**
Fair Games	Integers on a Number Line
	Ordering Integers (Number Line)
	Comparing Integers (<, =, >)
	What's the Temperature (Celsius)?
Topics	**Skill Quests**
Understand integers	Recognising situations that use integers
	Locating & representing integers on a number line
	Introducing the Cartesian plane

VC2M6N02 identify and describe the properties of prime, composite, square and triangular numbers and use these properties to solve problems and simplify calculations	
Course Topics	**Activities**
Multiples, factors, primes & composites	Multiples
	Multiples of
	Highest Common Factor
	Lowest Common Multiple
	Prime or Composite?
Topics	**Skill Quests**
Prime & composite numbers	Introducing prime & composite numbers
Square & triangular numbers	Introducing square numbers
	Describing triangular numbers

VC2M6N03 apply knowledge of equivalence to compare, order and represent common fractions, including halves, thirds and quarters, on the same number line and justify their order	
Course Topics	**Activities**
Equivalent fractions	Equivalent Fraction Wall 1
	Equivalent Fraction Wall 2
	Shading Equivalent Fractions
	Identifying Fractions on a Number Line
	Mixed and Improper Fractions on a Number Line
	Equivalent Fractions
	Comparing Fractions 1
	Compare Fractions 1a
	Compare Fractions 1b
Topics	**Skill Quests**
Compare & order common fractions	Recognise, compare & represent common fractions
	Comparing common fractions on a number line

VC2M6N04 apply knowledge of place value to add and subtract decimals, using digital tools where appropriate; use estimation and rounding to check the reasonableness of answers	
Course Topics	**Activities**
Add & subtract decimals	Decimal Complements
	Adding Decimals
	Subtract Decimals 1
	Estimate Decimal Sums 1
	Estimate Decimal Differences 1
	Estimate Decimal Differences 2
Topics	**Skill Quests**
Add/sub decimals - mental strategies	Adding decimals using mental strategies
	Subtracting decimals using mental strategies
Add/sub decimals - digital technologies	Adding decimals using digital technologies
	Subtracting decimals using digital technologies
Add/sub decimals - written method	Adding decimals using written method
	Subtracting decimals using written method
Add/sub decimals – estimating	Estimating sums & differences of decimals

VC2M6N05 solve problems involving addition and subtraction of fractions using knowledge of equivalent fractions	
Course Topics	**Activities**
Add & subtract fractions	Add: Common Denominator
	One Take Fraction
	Subtract: Common Denominator
	Add Subtract Fractions 1
	Common Denominator
	Add Like Mixed Numbers
	Subtract Like Mixed Numbers
Topics	**Skill Quests**
Add & subtract proper fractions	Adding fractions with related denominators
	Subtracting fractions with related denominators
	Add & subtract fractions - related denominators
Add & subtract mixed numerals	Adding fractions & mixed numerals
	Subtracting fractions & mixed numerals

VC2M6N06 multiply and divide decimals by multiples of powers of 10 without a calculator, applying knowledge of place value and proficiency with multiplication facts, using estimation and rounding to check the reasonableness of answers	
Course Topics	**Activities**
Fractions, decimals & percentages	Multiply Decimals: 10, 100, 1000
	Divide Decimals: 10, 100, 1000
Topics	**Skill Quests**
Multiply/divide decimals by powers of 10	Multiplying decimals by powers of 10
	Dividing decimals by powers of 10
	Using estimation

VC2M6N07 solve problems that require finding a familiar fraction, decimal or percentage of a quantity, including percentage discounts, choosing efficient calculation strategies with and without digital tools	
Course Topics	**Activities**
Fractions, decimals & percentages	Fractions to Decimals
	Decimals to Fractions 1
	Percentage to Fraction
	Decimals to Percentages
	Common Fractions as Percentages (AU)
	Fractions to Percentages (Non-Calculator)
	Percents and Decimals
	Match Decimals and Percentages
	Calculating Percentages (Mental)
	Fraction Word Problems
	Percentage Word Problems
	Model Fractions to Multiply
Topics	**Skill Quests**
Find a fraction of a quantity	Finding a fraction of a quantity
Calculate percentages	Calculating percentages

VC2M6N08 approximate numerical solutions to problems involving rational numbers and percentages, using appropriate estimation strategies	
Course Topics	**Activities**
Estimating	Estimation: Multiply and Divide
	Estimate Decimal Sums 2
	Estimate Decimal Operations
	Estimate Products with Fractions
Topics	**Skill Quests**
Rational numbers & percentages	Estimating solutions

VC2M6N09 use mathematical modelling to solve practical problems involving rational numbers and percentages, including in financial contexts; formulate the problems, choosing operations and using efficient mental and written calculation strategies, and using digital tools where appropriate; interpret and communicate solutions in terms of the situation, justifying the choices made	
Course Topics	**Activities**
Solve problems with rational numbers	Money Problems: Four Operations
	Time Conversions: Simple Fractions
	Time Conversions: Simple Decimals (0.25, 0.5, 0.75)
Topics	**Skill Quests**
Solve practical percentage problems	Solving practical percentage problems

2 Algebra

VC2M6A01 recognise and use rules that generate visually growing patterns and number patterns involving rational numbers	
Course Topics	**Activities**
Patterns, equations & rules	Increasing Patterns
	Describing Patterns
	Table of Values
	Number Sequences Up to 1 Million
Topics	**Skill Quests**
Recognise & use rules for patterns	Continuing & creating number sequences

VC2M6A02 find unknown values in numerical equations involving brackets and combinations of arithmetic operations, using the properties of numbers and operations	
Course Topics	**Activities**
Patterns, equations & rules	Order of Operations 1 (BIDMAS)
	Find the Missing Number 2
Topics	**Skill Quests**
Understand order of operations	Order of operations with no grouping symbols
	Order of operations using grouping symbols
	Order of operations practical situations

VC2M6A03 design and use algorithms involving a sequence of steps and decisions that use rules to generate sets of numbers; identify, interpret and explain emerging patterns	
Course Topics	**Activities**
Teacher directed	
Topics	**Skill Quests**
Design flowcharts to solve problems	Designing flowcharts to solve problems
Use rules & algorithms	Manipulating numbers using a given rule
	Creating algorithms for sets

3 Measurement

VC2M6M01 convert between common metric units of length, mass and capacity; choose and use decimal representations of metric measurements relevant to the context of a problem	
Course Topics	**Activities**
Metric conversions	Grams and Kilograms Conversion
	Grams and Kilograms
	Grams and Milligrams
	Converting Units of Mass
	Centimetres and Metres
	Metres and Kilometres

	Millilitres and Litres
	Converting Volume
Topics	**Skill Quests**
Connect decimals to the metric system	Decimal notation & the metric system
	Decimal representation in capacity
	Decimal representation in mass
Convert metric units of measurement	Converting metric units of length
	Converting metric units of capacity
	Converting metric units of mass

VC2M6M02 establish the formula for the area of a rectangle and use it to solve practical problems	
Course Topics	**Activities**
Area	Area of Shapes
	Area: Squares and Rectangles
Topics	**Skill Quests**
Use formula for area of a rectangle	Using a formula to calculate area of a rectangle

VC2M6M03 measure, calculate and compare elapsed time; interpret and use timetables and itineraries to plan activities and determine the duration of events and journeys	
Course Topics	**Activities**
Time problems	Time Mentals
	Elapsed Time
	Using Timetables
	Australian Time Zones
	What Time Will it Be?
Topics	**Skill Quests**
Interpret & use timetables	Interpreting & using timetables

VC2M6M04 identify the relationships between angles on a straight line, angles at a point and vertically opposite angles; use these to determine unknown angles, communicating reasoning	
Course Topics	**Activities**
Angle relationships	Measuring Angles
	Estimating Angles
	Angle Sum of a Triangle
	Quadrilaterals: Angle Sum with Equations
	Exterior Angles of a Triangle
	Angles of Revolution: Unknown Values
	Vertically Opposite Angles: Unknown Values
Topics	**Skill Quests**
Understand angle properties	Understanding adjacent angles
	Exploring vertically opposite angles
	Calculating angles that total 360˚
	Investigating supplementary & complementary angles

4 Space

VC2M6SP01 compare the parallel cross-sections of objects and recognise their relationships to right prisms	
Course Topics	**Activities**
Teacher directed	
Topics	**Skill Quests**
Investigate cross-sections	Investigating cross-sections

VC2M6SP02 locate points in the 4 quadrants of the Cartesian plane; describe changes to the coordinates when a point is moved to a different position in the plane	
Course Topics	**Activities**
The Cartesian plane	Ordered Pairs
	Number Plane
	Graphing from a Table of Values
	Reading Values from a Line
Topics	**Skill Quests**
Points on the Cartesian plane	Locating points on the Cartesian plane

VC2M6SP03 recognise and use combinations of transformations to create tessellations and other geometric patterns, using dynamic geometry software where appropriate	
Course Topics	**Activities**
The Cartesian plane	Transformations: Coordinate Plane
	Rotations: Coordinate Plane
Topics	**Skill Quests**
Use combinations of transformations	Recognising tessellations
	Identifying a sequence of 2 transformations

5 Statistics

VC2M6ST01 interpret and compare data sets for ordinal and nominal categorical, discrete and continuous numerical variables using comparative displays or visualisations and digital tools; compare distributions in terms of mode, range and shape	
Course Topics	**Activities**
Analyse & interpret data	Mode
	Mode from Stem and Leaf Plot
	Mode from Frequency Table
	Data Extremes and Range
	Stem and Leaf Plots with Range
	Double Stem and Leaf Plots
	Line Graphs: Interpretation
Topics	**Skill Quests**
Interpret, compare & describe data sets	Two-way tables
	Side-by-side column graphs
	Comparing & selecting bivariate data displays

	Describing & interpreting data sets
Compare mode, range & shape	Understanding mode, range & shape of distributions
	Comparing modes in sets of data

VC2M6ST02 identify statistically informed arguments presented in traditional and digital media; discuss and critique methods, data representations and conclusions	
Course Topics	**Activities**
Teacher directed	
Topics	**Skill Quests**
Interpret & evaluate secondary data	Interpreting & evaluating secondary data

VC2M6ST03 plan and conduct statistical investigations by posing and refining questions to collect categorical or numerical data by observation or survey, or identifying a problem and collecting relevant data; analyse and interpret the data and communicate findings within the context of the investigation	
Course Topics	**Activities**
Teacher directed	
Topics	**Skill Quests**
Teacher directed	

6 Probability

VC2M6P01 describe probabilities using fractions, decimals and percentages; recognise that probabilities lie on numerical scales of 0–1 or 0%–100%; use estimation to assign probabilities that events occur in a given context, using common fractions, percentages and decimals	
Course Topics	**Activities**
Probability	Simple Probability
	Probability Scale
	Complementary Events
	Dice and Coins
Topics	**Skill Quests**
Assign probabilities	Probability as a fraction, decimal or percent
	Probabilities from 0 to 1

VC2M6P02 conduct repeated chance experiments and run simulations with an increasing number of trials using digital tools; compare observations with expected results and discuss the effect on variation of increasing the number of trials	
Course Topics	**Activities**
Teacher directed	
Topics	**Skill Quests**
Conduct chance experiments	Conducting chance experiments

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