### Mathletics

#### Western Australian Curriculum

Activities (Courses), Skill Quests and eBooks



**Years K-2** 

October, 2025



#### **Mathletics**

Western Australian Curriculum Activities (Courses), Skill Quests and eBooks October, 2025

Pre-primary	3
Number & algebra	3
Understanding number	
Patterns and relationships	
Financial mathematics	
Modelling with number	
Measurement & geometry	4
Two-dimensional space and structures	
Three-dimensional space and structures	5
Non-spatial measurement	
Probability & statistics	6
Probability	ε
Statistics	ε
Year 1	7
Number & algebra	7
Understanding number	7
Patterns & relationships	<u>c</u>
Calculating with number	10
Financial mathematics	10
Modelling with number	11
Measurement & geometry	11
Two-dimensional space and structures	11
Three-dimensional space and structures	12
Non-spatial measurement	12
Probability & statistics	13
Probability	13
Statistics	13
Year 2	15
Number & algebra	15
Understanding number	15
Understanding equalities and inequalities	17
Patterns and relationships	17
Calculating with number	18
Financial mathematics	18
Modelling with number	18
Measurement & geometry	19
Two-dimensional space and structures	19
Three-dimensional space and structures	20
Non-spatial measurement	21
Probability & statistics	22
Probability	22
Statistics	22

#### **Pre-primary**

#### Number & algebra

Understanding number

P.NA.Number.1 Say, read, write and order numbers up to 20, from any starting point. Count collections up to 20.	
<b>■</b> Activities	
Understand numbers to 10	Count to 5
	How Many?
	Concept of Zero
	Matching Numbers to 10
	Order Numbers to 10
	Ordinal Numbers
Understand numbers to 20	Making Teen Numbers
	Counting Up to 20
	Counting Back Within 20
	Matching Numbers to 20
	Before, After and Between to 20
	Order Numbers to 20
<b>Ebooks</b>	
Pre-primary, Series A: Numbers and Patterns	Numbers to ten
	Numbers to 20
	Ordinal numbers
Pre-primary Rich Learning Task: Number	Walking back and forth

P.NA.Number.2 Subitise, partition and compare small collections.		
■ Activities		
Understand numbers to 10	Dot Display	
	More, Less or the Same to 10	
Understand numbers to 20	More, Less or the Same to 20	
	How Many Dots?	
□ Ebooks		
Pre-primary, Series A: Numbers and Patterns	Numbers to ten	
	Numbers to 20	

P.NA.Number.3  Explore grouping and sharing of small collections.	
<b>□</b> Activities	
Equal sharing & grouping	Share the Treasure
	Divide Into Equal Groups
	Fill the Jars
□ Ebooks	
Pre-primary, Series A: Operations with Number	Grouping and sharing

#### Patterns and relationships

P.NA.Patterns.1  Copy and continue repeating patterns in everyday environments using a range of materials, sounds and movement.  Activities	
Patterns	Simple Patterns
	Missing it!
	Colour Patterns
	Complete the Pattern
	Pattern Error
□ Ebooks	
Pre-primary, Series A: Numbers and Patterns	Patterns

#### Financial mathematics

P.NA.Financial.1  Explore making purchases using coins, notes, and debit cards.	
<b>■ Activities</b>	
Teacher directed	
□ Ebooks	
Pre-primary, Series A: Time, Money and Data	Money

#### Modelling with number

P.NA.Modelling.1  Explore and represent familiar real-world situations involving adding, removing, grouping or sharing small collections using role-play or concrete materials.	
■ Activities	
Equal sharing & grouping	Share the Treasure
Fill the Jars	
□ Ebooks	
Pre-primary, Series A: Operations with Number	Grouping and sharing

#### **Measurement & geometry**

Two-dimensional space and structures

P.MG.2D.1  Sort, name and represent familiar two-dimensional shapes and recognise them within the environment.		
■ Activities		
2D space & structures	Collect Simple Shapes	
□ Ebooks		
Pre-primary, Series A: Space and Shape	2D space	

### P.MG.2D.2 Explore and compare the length of everyday items to say which is longer and explain reasoning. Activities

2D space & structures	Everyday Length	
	Compare Length	
□ Ebooks		
Pre-primary, Series A: Measurement	Length	

P.MG.2D.3  Show and describe position and movement in familiar locations.	
<b>□</b> Activities	
2D space & structures	Where is it?
□ Ebooks	
Pre-primary, Series A: Space and Shape	Position

#### Three-dimensional space and structures

P.MG.3D.1  Explore familiar three-dimensional objects in the environment.	
<b>□</b> Activities	
3D space & structures	Match the Solid 1
□ Ebooks	
Pre-primary, Series A: Space and Shape	3D space

P.MG.3D.2  Explore capacity and compare containers to say which holds more and explain reasoning.		
■ Activities		
3D space & structures	Which Holds More?	
□ Ebooks		
Pre-primary, Series A: Measurement	Volume and capacity	

#### Non-spatial measurement

P.MG.NSM.1  Explore mass and compare everyday items to say which is heavier.	
<b>□</b> Activities	
Non-spatial measurement	Balancing Act
□ Ebooks	
Pre-primary, Series A: Measurement	Mass

P.MG.NSM.2  Sequence days of the week and times of the day, making connections to routines, and compare duration of familiar events using everyday language.  Activities	
Non-spatial measurement	Days of the Week
	Days: After and Before
	Weekdays and Weekends
	Days of the Week
☐ Ebooks	
Pre-primary, Series A: Time, Money and Data	Time

#### **Probability & statistics**

#### Probability

	P.PS.Probability.1  Explore and describe familiar events using the everyday language of chance.
<b>■</b> Activities	
Teacher directed	

#### Statistics

P.PS.Statistics.1  Collect, group and compare data using objects and images to make inferences.	
<b>■</b> Activities	
Simple data	Same and Different
	Sort It
	Picture Graphs: Who has the Goods?
☐ Ebooks	
Pre-primary, Series A: Time, Money and Data	Data

#### Year 1

#### Number & algebra

Understanding number

#### 1.NA.Number.1

Say, read, write and order numbers to 120 and recognise the repetition of the 0–9 sequence of digits. Skip count collections by twos, fives and tens from zero.

twos, fives and tens from zero.		
■ Activities		
Understanding numbers to 120	Going Up	
	Going Down	
	Counting Forwards	
	Counting Backwards	
	Before, After & Between to 100	
	Arranging Numbers	
	Number Lines	
	Number Line Order	
	Matching Numbers to 10	
	Matching Numbers to 20	
	Reading Numbers to 30	
	1st to 31st	
	More, Less or the Same to 20	
	Greater or Less to 100	
	Order Numbers to 20	
	1 to 30	
	Compare Numbers to 20	
	Compare Numbers to 50	
	Compare Numbers to 100	
	Going Up	
Skip counting by 2, 5 & 10	Counting by Twos	
	Counting by Fives	
	Counting by Tens	
	Count by 2s, 5s and 10s	
<b>¥</b> Skill Quests		
Count numbers to 120	Counting forwards & backwards to 100	
	Finding numbers before & after to 100	
	Counting forwards & backwards to 120	
	Numbers before & after to 120	
	Reading, writing & comparing to 120	
	Counting in tens & ones	
Read & write numbers to 100	Reading & writing 2-digit numbers	
Compare & order numbers to 100	Comparing numbers to 100	
	Ordering numbers to 100	
Skip counting by 2, 5 or 10	Skip counting by 2s	
	Skip counting by 5s	
	Skip counting by 10s	
	Skip counting by 2s, 5s & 10s	
Ebooks		
Year 1, Series B: Numbers	Numbers to 20	

Numbers to 50
Numbers to 100
Skip counting
Ordinal numbers

#### 1.NA.Number.2

Explore different ways to represent and partition collections up to 100, including in groups of 10, using concrete materials.

Explore different ways to represent and partition collections up to 100, including in groups of 10, using concrete materials.	
<b>□</b> Activities	
Place value up to 2 digits	Making Teen Numbers
	Place Value 1
	Repartition Two-digit Numbers
	Nearest 10?
	Making Numbers Count
	Making Big Numbers Count
🕍 Skill Quests	
Count collections	Counting collections 0 to 100
	Using groups of 10 to count large collections
Place value of 2-digit numbers	Identifying place value up to 2 digits
	Solving problems using place value up to 2 digits
Partition 2-digit numbers	Partitioning 2-digit numbers (standard)
	Partitioning 2-digit numbers (non-standard)
☐ Ebooks	
Year 1, Series B: Numbers	Place value to 99

#### 1.NA.Number.3 Explore partitions of numbers with small collections, using part-part-whole relationships. Activities Partitioning to 10 Model Addition Adding to 5 Adding to Ten Adding to Make 5 and 10 All about Ten Doubles and Halves to 10 **Skill Quests** Combinations that add up to 5-9 Modelling & recording combinations that make 5-9 Recognise & recall bonds to 10 Recognising & recalling bonds to 10 **Ebooks** Year 1, Series B: Operations with Number Addition Subtraction

#### 

Year 1 Rich Learning Task: Number

Addition and subtraction

Lady bug crawl

	Grouping in Fives
	Grouping in Tens
	Fill the Jars
<b>业</b> Skill Quests	
Explore arrays & repeated addition	Exploring arrays (no x symbol)
	Using repeated addition to multiply
Equal sharing & grouping	Solving equal group problems
	Grouping & skip counting to multiply
	Sharing to divide up to 20
	Grouping to divide
Ebooks	
Year 1, Series B: Operations with Number	Multiplication
	Division

1.NA.Number.5  Recognise, describe and create a half by dividing a physical whole into two equal parts or a collection into two equal quantities.   Activities		
Halves	Halves	
	Is it Half?	
	Grouping in Twos	
<b>™</b> Skill Quests		
Halves	Finding half of a set or quantity	
Ebooks		
Year 1, Series B: Numbers	Fractions	

#### Patterns & relationships

#### 1.NA.Patterns.1 Continue and create repeating patterns. Explore and label repeating patterns to show how many of each element is in a repeat unit (core). Activities Patterns Missing it! **Colour Patterns** Complete the Pattern Pattern Error Skip counting patterns Counting on a 100 grid **Count Forward Patterns Count Backward Patterns Skip Counting Skill Quests Repeating patterns** Exploring repeating numeric patterns Recognising repeating patterns Manipulating repeating patterns Extending repeating patterns Describing & creating repeating patterns Exploring repeating patterns with objects **Ebooks** Year 1, Series B: Patterns and Relationships Patterns and rules

#### Calculating with number

#### 1.NA.Calculating.1 Manipulate collections to add and subtract quantities to 20 and beyond, exploring a range of strategies. Activities Addition & subtraction to at least 20 Adding to 10 Word Problems Adding In Any Order Addictive Addition All about Twenty Add 3 Numbers Using Bonds to 10 Add 3 Single Digit Numbers Doubles and Halves to 20 **Doubles and Near Doubles** Balance Numbers to 20 **Model Subtraction** Subtracting from Ten Subtracting from 20 Simple Subtraction 1 More, 2 Less Who's got the Money? Add and Subtract Problems Problems: Addition and Subtraction **Skill Quests** Combinations that add up to 20 Model & record combinations that make 11-20 Add zero to a number (up to 20) Addition & subtraction strategies to 20 Introducing the commutative property of addition Adding doubles up to 20 Adding & subtracting near doubles Relating counting to adding & subtracting Adding & subtracting within 10 fluently Finding the difference between 2 numbers (to 20) Adding compatible numbers (doubles or bonds to 10) Explore equality & inequality to 20 Exploring equality/inequality up to 10 & 20 **Ebooks** Year 1, Series B: Operations with Number Addition Subtraction

#### Financial mathematics

1.NA.Financial.1 Explore different payment formats and identify Australian coins and notes, according to their value.		
■ Activities		
Identify & count coins & notes	Everyday Money	
	Skip Counting with Coins	
<b>业</b> Skill Quests		
Identify Australian coins & notes	Recognising Australian coins	
	Counting Australian notes & coins	
<b>Ebooks</b>		
Year 1, Series B: Time and Money	Money	

Addition and subtraction

#### Modelling with number

#### 1.NA.Modelling.1

Represent quantities and actions in real-world situations involving adding, taking away, sharing or equal groupings using role-play, concrete materials, drawings or numbers. Describe the meaning of the representations and answers in context.

play, controller materials, drawings of manuscrs. Sesenbe the meaning of the representations and answers in context.		
■ Activities		
Addition & subtraction to at least 20	Adding to 10 Word Problems	
	Adding In Any Order	
★ Skill Quests		
Quantities in real-world situations	Solving addition & subtraction word problems to 20	
	Solving grouping & sharing problems	
☐ Ebooks		
Year 1, Series B: Operations with Number	Addition	
	Subtraction	
	Addition and subtraction	
	Multiplication	
	Division	

#### **Measurement & geometry**

Two-dimensional space and structures

1.MG.2D.1 Name and classify familiar two-dimensional shapes based on sides and vertices using informal language.		
<b>□</b> Activities		
2D space & structures	Collect Simple Shapes	
	Count Sides and Corners	
★ Skill Quests		
Name, classify & compare 2D shapes	Introducing quadrilaterals	
	Comparing 2D shapes	
Ebooks		
Year 1, Series B: Space and Shape	2D space	

1.MG.2D.2 Directly and indirectly compare lengths, including by counting uniform informal units.		
<b>□</b> Activities		
2D space & structures	Everyday Length	
	Comparing Length	
	Measuring Length with Blocks	
<b>业</b> Skill Quests		
Compare lengths using informal units	Introducing & comparing lengths	
	Exploring informal units of length & distance	
□ Ebooks		
Year 1, Series B: Measurement	Length	

1.MG.2D.3  Give and follow directions within familiar locations.		
<b>□</b> Activities		
2D space & structures	Where is it?	
	Left or Right?	
	Following Directions	
<b>☆</b> Skill Quests		
Position & direction	Position using left, right & ordinal numbers	
	Giving directions to others	
□ Ebooks		
Year 1, Series B: Space and Shape	Position	

#### Three-dimensional space and structures

1.MG.3D.1  Recognise, sort and name familiar three-dimensional objects and identify the two-dimensional shapes that comprise them.	
<b>■ Activities</b>	
3D space & structures	Match the Solid 1
	Match the Solid 2
	Relate Shapes and Solids
🕍 Skill Quests	
Three-dimensional objects	Exploring surfaces and faces
	Recognising and describing spheres
	Recognising and describing cones
	Recognising and describing cubes
	Recognising and describing cylinders
	Sorting and naming 3D objects
	Recognise and describe prisms (no formal names)
Ebooks	
Year 1, Series B: Space and Shape	3D space

<b>1.MG.3D.2</b> Directly and indirectly compare the capacities of a pair of containers.		
<b>□</b> Activities		
3D space & structures	How Full?	
	Filling Fast!	
<b>业</b> Skill Quests		
Compare capacity	Comparing capacity	
□ Ebooks		
Year 1, Series B: Measurement	Volume and capacity	

#### Non-spatial measurement

<b>1.MG.NSM.1</b> Directly compare the masses of two objects by hefting and using balance scales.	
<b>□</b> Activities	
Non-spatial measurement	Balancing Act

	Everyday Mass
站 Skill Quests	
Compare mass	Comparing mass
<b>Ebooks</b>	
Year 1, Series B: Measurement	Mass

1.MG.NSM.2  Read the time on digital clocks and make connections to routines. Explore and describe duration informally in years, months, weeks, days, hours, minutes and seconds.		
Non-spatial measurement	Days of the Week Days: After and Before Tomorrow and Yesterday (without scaffold) Weekdays and Weekends Months of the Year Months After and Before	
<b>★</b> Skill Quests		
Read digital time Explore & describe duration	Reading digital time Introducing the months of the year Working with years & months Comparing & sequencing intervals of time	
Ebooks		
Year 1, Series B: Time and Money	Time	

#### **Probability & statistics**

#### Probability

1.PS.Probability.1  Describe and reason about the likelihood of familiar events occurring, using the everyday language of chance.		
<b>□</b> Activities		
Teacher directed		
<b>业</b> Skill Quests		
Chance	Using the everyday language of chance	
□ Ebooks		
Year 1, Series B: Chance and Data	Chance	

#### Statistics

1.PS.Statistics.1  Answer simple questions of interest by collecting and comparing categorical data using objects, pictures, tallies and numbers to record frequencies.		
<b>□</b> Activities		
Probability & data	Picture Graphs: Who has the Goods?	
	Picture Graphs: single-unit scale	
	Making Picture Graphs: With Scale	
	Tallies	
<b>业</b> Skill Quests		

Collect, compare & record data	Asking suitable questions for data collection
	Completing tally charts
	Gathering, sorting & recording data
	Representing data in a simple display
	Reading simple data displays using objects
	Reading picture graphs (single unit scale)
	Ordering category data
☐ Ebooks	
Year 1, Series B: Chance and Data	Data

#### Year 2

#### Number & algebra

Understanding number

#### 2.NA.Number.1

Read, write and order numbers to at least 1020, including on a number line. Recognise the repetition of the 0–99 sequence of digits, and the role of zero. Skip count forwards and backwards by twos, threes, fives and tens from any starting point.

digits, and the role of zero. Skip count forwards and backwards by twos, threes, fives and tens from any starting point.	
<b>□</b> Activities	
Read, write & order numbers	Missing Numbers 1
	Which is Bigger?
	Which is Smaller?
	Greater Than or Less Than?
	Concept of Zero
	Ascending Order
	Descending Order
	Number Lines
<b>业</b> Skill Quests	
Count to 1000	Counting in ones up to 1000
	Identifying numbers before & after up to 1000
Place value up to 3 digits	Reading & representing 3-digit numbers
	Identifying place value in 3-digit numbers
Compare & order numbers to 1000	Comparing numbers to 1000
	Ordering numbers to 1000
Skip count by 2, 3, 5 & 10	Skip counting by 2, 3 & 5
	Skip counting by 2 to 1000
	Skip counting by 5 to 1000
	Skip counting by 10 to 1000
<b>Ebooks</b>	
Year 2, Series C: Numbers	Numbers to 999

#### 2.NA.Number.2

Explore different ways to represent and partition two- and three-digit numbers, including in groups of 10 and 10 groups of 10 to make 100, using concrete materials, numbers and symbols.

	· ·
<b>■</b> Activities	
Place value	Place Value 2
	Place Value to Thousands
	Model Numbers
	Partition and Rename 1
	Place Value Partitioning
	Repartition Two-digit Numbers
🕍 Skill Quests	
Count in tens	Counting in tens with 2- & 3-digit numbers
	Finding numbers 10 before & 10 after, up to 1000
Hundreds, tens & ones	Counting in hundreds, tens & ones
Partition 2- & 3-digit numbers	Partitioning 3-digit numbers (standard)
	Partitioning 3-digit numbers (non-standard)
☐ Ebooks	
Year 2, Series C: Numbers	Place value to 999

#### 2.NA.Number.3

Explore the relationship between addition and subtraction with small collections, using part-part-whole knowledge, numbers and symbols.

<b>□</b> Activities	
Patterns & missing numbers	Fact Families: Add and Subtract
★ Skill Quests	
Addition & subtraction relationship	Finding fact families for addition & subtraction
Addition & subtraction facts to 20	Model & record combinations that make 11 – 20
Ebooks	
Year 2, Series C: Operations with Number	Addition
	Subtraction

2.NA.Number.4  Recall addition and subtraction facts to 10.		
■ Activities		
Addition & subtraction facts to 10	Model Addition	
	Model Subtraction	
🕍 Skill Quests		
Addition & subtraction facts to 10	Addition & subtraction facts to 10	
<b>Ebooks</b>		
Year 1, Series B: Operations with Number	Addition	
	Subtraction	
Year 2, Series C: Operations with Number	Addition	
	Subtraction	

2.NA.Number.5 Explore multiplication and division using repeated addition, equal grouping and arrays.		
■ Activities		
Multiplication & division	Arrays 1	
	Arrays 2	
	Multiplication Turnarounds	
	Model Multiplication to 5 × 5	
	Counting by Twos	
	Counting by Fives	
	Counting by Tens	
	Count by 2s, 5s and 10s	
	Dividing Twos	
	Dividing Fives	
	Dividing Tens	
<b>业</b> Skill Quests		
Arrays & repeated addition	Using repeated addition to multiply	
	Exploring arrays (no x symbol)	
Commutative property multiplication	Using the commutative property of multiplication	
Divide by sharing & grouping	Dividing by sharing & grouping	
Divide using repeated subtraction	Using repeated subtraction to divide	
<b>Ebooks</b>		
Year 2, Series C: Operations with Number	Multiplication	
	Division	

#### 2.NA.Number.6 Recognise, describe and create halves, quarters and eighths by repeatedly halving a physical whole or a collection. Activities Halves, quarters & eighths Halves Is it Half? **Halves and Quarters** Doubles and Halves to 10 Doubles and Halves to 20 **Doubles and Near Doubles Skill Quests Halves & quarters** Finding half of a set or quantity (no symbols) Finding quarters of sets or shapes (no symbols) Finding halves & quarters (no symbols) Halves, quarters & eighths Finding eighths of objects or shapes Finding eighths of objects or shapes **Ebooks** Year 2, Series C: Numbers Fractions Year 2, Series C: Operations with Number Division

#### Understanding equalities and inequalities

2.NA.Inequalities.1  Use the equality symbol to indicate the same value in number sentences involving addition and subtraction.		
<b>□</b> Activities		
Patterns & missing numbers	Balance Additions to 20	
<b>业</b> Skill Quests		
Equality in number sentences	Exploring equality & inequality	
□ Ebooks		
Year 2, Series C: Patterns and Relationships	Number relationships	

#### Patterns and relationships

2.NA.Patterns.1  Recognise and continue increasing or decreasing additive patterns with collections and numbers, and identify missing elements in a pattern.		
■ Activities		
Patterns & missing numbers	Increasing Patterns	
	Decreasing Patterns	
	Odd or Even	
	Pattern Error	
	Missing Numbers	
	Fact Families: Add and Subtract	
	Balance Additions to 20	
<b>业</b> Skill Quests		
Additive patterns	Identify, describe & continue number patterns	
	Add or subtract patterns (within 10) up to 100	
	Additive visual patterns	

☐ Ebooks	
Year 2, Series C: Patterns and Relationships	Patterns and rules

#### Calculating with number

2.NA.Calculating.1	
Add and subtract one- and two-digit numbers, using a range of strategies.	
■ Activities	
Add & subtract 1- and 2-digit numbers	Adding In Any Order
	Adding to 2-digit numbers
	Complements to 10, 20, 50
	Complements to 50 and 100
	Add 3 Numbers: Bonds to Multiples of 10
	Magic Mental Addition
	Subtract Tens
	Related Facts 1
	Partition Puzzles 1
¥ Skill Quests	
Add & subtract mental strategies to 100	Add & subtract by counting on/back up to 100
	Add & subtract using bridging to 10 up to 100
	Add & subtract using jump strategy
	Adding using place value up to 100
	Using mental strategies to add & subtract (to 100)
Add & subtract strategies over 100	Adding using place value up to 200
	Adding & subtracting using place value
	Adding using place value (crossing a ten)
Ebooks	
Year 2, Series C: Operations with Number	Addition
	Subtraction

#### Financial mathematics

2.NA.Financial.1  Explore and describe the relationship between dollars (\$) and cents (c) and their value in the contexts of spending, saving and donating.		
<b>□</b> Activities		
Modelling with number	Skip Counting with Coins	
	How much Change?	
<b>™</b> Skill Quests		
Count & use Australian notes & coins	Counting & using Australian notes & coins	
☐ Ebooks		
Year 2, Series C: Time and Money	Money	

#### Modelling with number

#### 2.NA.Modelling.1

Identify and represent real-world situations involving addition, subtraction, simple multiplication or division using objects or diagrams labelled with numbers and symbols that match the actions in the situation. Interpret the meaning of answers in context.

<b>□</b> Activities	
Modelling with number	Skip Counting with Coins
	Word Problems: Add and Subtract
	Problems: Add and Subtract
	Add and Subtract Problems
	How much Change?
🕍 Skill Quests	
Add & subtract word problems	Solving addition & subtraction word problems
Multiply & divide word problems	Solving multiplication & division word problems
☐ Ebooks	
Year 2, Series C: Operations with Number	Addition
	Subtraction
	Multiplication
	Division
Year 2 Rich Learning Task: Number	3 Ribbons
	Four times as big

#### Measurement & geometry

Two-dimensional space and structures

<b>2.MG.2D.1</b> Identify and draw two-dimensional shapes and describe their similarities and differences using spatial terms, including opposite, parallel, curved, straight and vertices.		
■ Activities		
2D space & structures	What Line am I?	
	Collect the Polygons	
	Sides, Angles and Diagonals	
<b>业</b> Skill Quests		
Identify & describe 2D shapes	Identifying & describing octagons	
	Identifying & describing pentagons	
	Identifying & describing hexagons	
	Identifying & describing simple 2D shapes	
	Comparing, describing & sorting simple 2D shapes	
	Representing & describing regular polygons	
	Identifying parallel lines	
<b>Ebooks</b>		
Year 2, Series C: Space and Shape	2D space	

2.MG.2D.2  Estimate, measure and compare lengths, by choosing appropriate uniform informal units, and place end to end without gaps or overlaps.		
■ Activities		
2D space & structures	Measuring Length with Blocks	
	Compare Length	
<b>业</b> Skill Quests		
Estimate, measure & compare length	Estimate, measure, compare length (informal units)	
□ Ebooks		
Year 2, Series C: Measurement	Length	

## 2.MG.2D.3 Explore and directly compare the areas of two shapes by superimposing one over the other. Explore & structures Equal Areas ✓ Skill Quests Explore & compare area of two shapes Exploring & comparing areas of two shapes

<b>2.MG.2D.4</b> Explore quarter-, half- and full-turns in everyday situations.	
<b>□</b> Activities	
Teacher directed	
<b>业</b> Skill Quests	
Explore quarter, half and full turns Exploring quarter-, half- and full-turns	

2.MG.2D.5  Locate positions and pathways on simple maps of familiar locations.  Activities		
2D space & structures	Map Coordinates	
	Where is it?	
	Left or Right?	
<b>址</b> Skill Quests		
Read maps	Reading simple maps	
	Following a path	
☐ Ebooks		
Year 2, Series C: Space and Shape	Position	

#### Three-dimensional space and structures

<b>2.MG.3D.1</b> Manipulate, visualise and name familiar three-dimensional objects, informally describe features and connect to common uses.		
<b>□</b> Activities		
3D space & structures	Collect the Objects	
	How many Edges?	
	How many Vertices?	
★ Skill Quests		
Name & classify 3D objects	Exploring surfaces & faces	
	Recognising & describing spheres	
	Recognising & describing cones	
	Recognising & describing cubes	
	Recognising & describing cylinders	
	Recognising, sorting & naming 3D objects	
	Recognising & describing prisms (no formal names)	
	Comparing 2D shapes & 3D objects	
	Introducing faces, edges & vertices of 3D objects	
	Faces, edges, vertices & surfaces of 3D objects	
Ebooks		
Year 2, Series C: Space and Shape	3D space	

## 2.MG.3D.2 Estimate, measure and compare the capacities of different containers using uniform informal units. Activities 3D space & structures How Full? Skill Quests Estimate, measure & compare capacity Estimating, measuring & comparing capacities Ebooks Year 2, Series C: Measurement Volume and capacity

#### Non-spatial measurement

2.MG.NSM.1  Estimate and compare masses of objects using balance scales and uniform informal units.		
<b>□</b> Activities		
Non-spatial measurement	Everyday Mass	
★ Skill Quests		
Estimate & compare mass	Estimating & comparing mass using informal units	
☐ Ebooks		
Year 2, Series C: Measurement	Mass	

#### 2.MG.NSM.2 Tell time to the hour, half- and quarter-hour, on analogue and digital clocks. Identify the date and determine the duration between two events in days using a calendar. Activities Months After and Before Non-spatial measurement Seasons (AU/NZ) Using a Calendar Tomorrow and Yesterday (without scaffold) Weekdays and Weekends Tell Time to the Half Hour Quarter To and Quarter Past **Skill Quests** Recognise & read time up to quarter hour Telling time to the hour & half hour (analogue) Telling time to the hour & half hour (digital) Telling time to the quarter hour Identify the date & determine duration Using a calendar to identify the date Using calendars to solve simple problems **Ebooks** Year 2, Series C: Time and Money Time

#### **Probability & statistics**

#### Probability

# 2.PS.Probability.1 Classify familiar events involving chance as being 'possible' or 'impossible' and using the everyday language of chance to compare the likelihood of them happening. Probability & statistics Will it Happen? Most Likely and Least Likely Skill Quests Classify events involving chance Classifying events involving chance Ebooks Year 2, Series C: Chance and Data Chance

#### Statistics

<b>2.PS.Statistics.1</b> Describe and interpret real-life data represented in lists, tables and one-to-one block and picture graphs.		
■ Activities		
Probability & statistics	Sorting Data	
	Interpreting Tables	
	Picture Graphs: More or Less	
	Picture Graphs: single-unit scale	
	Making Picture Graphs: With Scale	
	Tallies	
🕍 Skill Quests		
Describe & interpret data	Reading & interpreting simple picture graphs	
	Representing & reading data in tables or lists	
	Using a tally chart, table, picture graph	
Ebooks		
Year 2, Series C: Chance and Data	Data	

2.PS.Statistics.2  Choose and answer simple questions of interest by collecting and comparing categorical data. Display data using lists, tables and one-to-one block and picture graphs.		
<b>□</b> Activities		
Teacher directed		
<b>™</b> Skill Quests		
Answer questions related to data displays	Answer questions related to simple data displays	
☐ Ebooks		
Year 2, Series C: Chance and Data	Data	



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