



F-2 Teaching Companion:
Measurement,
Geometry, Statistics
and Probability

Curriculum Correlation

Pearson Mathology F-2: Measurement, Geometry, Statistics and Probability

MEASUREMENT	Australian and West Australian Curriculum				Pearson Mathology	
	Year	Sub-strand	Code	Description	Mathology Activities	Mathology Little Books
	Foundation/ Pre-Primary	Using units of measurement	ACMMG006	Use direct and indirect comparisons to decide which is longer, heavier or holds more, and explain reasoning in everyday language	Comparing Objects: 1 Predicting and Comparing Length 2 Comparing Length 3 Comparing Capacity 5 Making Comparisons 6 Comparing Objects Review	<i>To Be Long</i> <i>The Best in Show</i> <i>The Amazing Seed</i>
	Foundation/ Pre-Primary	Using units of measurement	ACMMG007	Compare and order duration of events using everyday language of time	Time and Temperature: 1 Days and Duration 2 Passage of Time	
	Foundation/ Pre-Primary	Using units of measurement	ACMMG008	Connect days of the week to familiar events and actions	Time and Temperature: 1 Days and Duration	
	Year 1	Using units of measurement	ACMMG019	Measure and compare the lengths and capacities of pairs of objects using uniform informal units	Using Uniform Units: 1 Matching Lengths 2 Iterating the Unit 3 Exploring the Metre 6 Measuring Capacity 7 Reviewing Uniform Units Using Non-standard Units: 2 Measuring Length 2	<i>Animal Measures</i> <i>The Amazing Seed</i>
	Year 1	Using units of measurement	ACMMG020	Tell time to the half-hour	Time and Temperature: 3 Telling Time	
	Year 1	Using units of measurement	ACMMG021	Describe duration using months, weeks, days and hours	Time and Temperature: 4 Days and Weeks 5 Months in a Year 6 Relating to Seasons 7 The Calendar 10 Combining Time and Temperature	
	Year 2	Using units of measurement	ACMMG037	Compare and order several shapes and objects based on length, area, volume and capacity using appropriate uniform informal units	Using Uniform Units: 4 Measuring Length 5 Measuring Area 6 Measuring Capacity 7 Reviewing Uniform Units Using Non-Standard Units: 1 Measuring Length 1 2 Measuring Length 2 3 Measuring Distance Around 5 Measuring Area 6 Measuring Capacity 7 Non-Standard Units	<i>Getting Ready for School</i> <i>The Discovery</i>

	Year	Sub-strand	Code	Description	Mathology Activities	Mathology Little Books
MEASUREMENT	Year 2	Using units of measurement	ACMMG038	Compare masses of objects using balance scales	Comparing Objects: 4 Comparing Mass Using Non-Standard Units: 4 Measuring Mass	<i>Gran's Damper</i>
	Year 2	Using units of measurement	ACMMG039	Tell time to the quarter-hour, using the language of 'past' and 'to'	Time and Temperature: 8 Time to the Quarter-Hour 10 Combining Time and Temperature	
	Year 2	Using units of measurement	ACMMG040	Name and Order Months and Seasons	Time and Temperature: 5 Months in a Year 6 Relating to Seasons 7 The Calendar 9 Changes in Temperature 10 Combining Time and Temperature	
	Year 2	Using units of measurement	ACMMG041	Use a calendar to identify the date and determine the number of days in each month	Time and Temperature: 4 Days and Weeks 5 Months in a Year 7 The Calendar 10 Combining Time and Temperature	
GEOMETRY	Foundation/ Pre-Primary	Shape	ACMMG009	Sort, describe and name familiar two-dimensional shapes and three-dimensional objects in the environment	2-D Shapes: 1 Sorting Shapes Geometric Relationships: 1 Relating Shapes and Solids 2 Identifying Shapes	<i>The New Nest</i> <i>Zoom In, Zoom Out</i> <i>The Castle Wall</i>
	Foundation/ Pre-Primary	Location and Transformation	ACMMG010	Describe position and movement		<i>The New Nest</i> <i>Zoom In, Zoom Out</i>
	Year 1	Shape	ACMMG022	Recognise and classify familiar two-dimensional shapes and three-dimensional objects using obvious features	2-D Shapes: 2 Identifying Triangles 3 Identifying Rectangles 4 Visualizing Shapes 5 Sorting Rules 6 Guess the Sorting Rule 7 Sorting 2-D Shapes 8 Exploring 2-D Shapes 9 Constructing 2-D Shapes 10 Shape Review 3-D Solids: 1 Exploring Solids 2 Sorting 3-D Solids 3 Identify the Sorting Rule 4 Building with 3-D Solids Geometric Relationships: 3 Making Designs 4 Covering Outlines 5 Shapes in Other Shapes	<i>Memory Book</i> <i>What Was Here?</i> <i>The Tailor Shop</i>

GEOMETRY	Year	Sub-strand	Code	Description	Mathology Activities	Mathology Little Books
	Year 1	Location and Transformation	ACMMG023	Give and follow directions to familiar locations	Location and Movement: 1 Positional Language 2 Reading Maps	<i>Memory Book</i>
	Year 2	Shape	ACMMG042	Describe and draw two-dimensional shapes, with and without digital technologies	Geometric Relationships: 2 Identifying Shapes 6 Visualizing Shapes and Solids	<i>The Tailor Shop</i> <i>I Spy Awesome Buildings</i> <i>Gallery Tour</i> <i>WONDERful Buildings</i>
	Year 2	Shape	ACMMG043	Describe the features of three-dimensional objects	3-D Solids: 1 Exploring Solids 2 Sorting 3-D Solids 3 Identify the Sorting Rule 4 Building with 3-D Solids 5 Sorting 3-D Solids 2 6 3-D Solids Around Us Geometric Relationships: 1 Relating Shapes and Solids	<i>I Spy Awesome Buildings</i> <i>Gallery Tour</i>
	Year 2	Location and Transformation	ACMMG044	Interpret simple maps of familiar locations and identify the relative positions of key features	Location and Movement: 1 Positional Language 2 Reading Maps 3 Mapping 4 Drawing a Map 5 Maps and Location	<i>Robo</i>
	Year 2	Location and Transformation	ACMMG045	Investigate the effect of one-step slides and flips with and without digital technologies	Geometric Relationships: 7 Flip, Slide, Turn Location and Movement: 6 Perspective 1 7 Perspective 2	<i>The Tailor Shop</i>
	Year 2	Location and Transformation	ACMMG046	Identify and describe half and quarter turns	Geometric Relationships: 7 Flip, Slide, Turn	<i>Gallery Tour</i>

STATISTICS AND PROBABILITY	Year	Sub-strand	Code	Description	Mathology Activities	Mathology Little Books
	Foundation/ Pre-Primary	Data Representation and Interpretation	ACMSP011	Answer yes/no questions to collect information and make simple inferences	Data Management: 1 Interpreting Graphs	<i>Hedge and Hog</i>
	Year 1	Chance	ACMSP024	Identify outcomes of familiar events involving chance and describe them using everyday language such as 'will happen', 'won't happen' or 'might happen'	Probability and Chance: 1 Likelihood of Events 1 2 What's the Chance?	
	Year 1	Data Representation and Interpretation	ACMSP262	Choose simple questions and gather responses and make simple inferences	Data Management: 3 Making Pictographs	<i>Marsh Watch</i>
	Year 1	Data Representation and Interpretation	ACMSP263	Represent data with objects and drawings where one object or drawing represents one data value. Describe the displays	Data Management: 1 Interpreting Graphs 2 Making Concrete Graphs 3 Making Pictographs 4 Creating and Comparing Graphs 5 Interpreting Graphs 1 6 Interpreting Graphs 2 7 Making Graphs 1	<i>Graph It!</i> <i>Big Buddy Days</i>
	Year 2	Chance	ACMSP047	Identify practical activities and everyday events that involve chance. Describe outcomes as 'likely' or 'unlikely' and identify some events as 'certain' or 'impossible'	Probability and Chance: 1 Likelihood of Events 1 2 What's the Chance? 3 Likelihood of Events 2	
	Year 2	Data Representation and Interpretation	ACMSP048	Identify a question of interest based on one categorical variable. Gather data relevant to the question	Data Management: 8 Creating a Survey 10 Data Review	<i>Marsh Watch</i>
	Year 2	Data Representation and Interpretation	ACMSP049	Collect, check and classify data	Data Management: 8 Creating a Survey 10 Data Review	<i>Marsh Watch</i>
	Year 2	Data Representation and Interpretation	ACMSP050	Create displays of data using lists, table and picture graphs and interpret them	Data Management: 9 Making Graphs 2 10 Data Review	<i>Marsh Watch</i>

Victorian Curriculum				Pearson Mathology	
Year	Sub-strand	Code	Description	Mathology Activities	Mathology Little Books
Foundation/ Pre-Primary	Using units of measurement	VCMMG078	Use direct and indirect comparisons to decide which is longer, heavier or holds more, and explain reasoning in everyday language	Comparing Objects: 1 Predicting and Comparing Length 2 Comparing Length 3 Comparing Capacity 5 Making Comparisons 6 Comparing Objects Review	<i>To Be Long</i> <i>The Best in Show</i> <i>The Amazing Seed</i>
Foundation	Using units of measurement	VCMMG079	Compare and order duration of events using everyday language of time	Time and Temperature: 1 Days and Duration 2 Passage of Time	
Foundation	Using units of measurement	ACMMG080	Connect days of the week to familiar events and actions	Time and Temperature: 1 Days and Duration	
Year 1	Using units of measurement	VCMMG095	Measure and compare the lengths, masses and capacities of pairs of objects using uniform informal units	Comparing Objects: 4 Comparing Mass Using Uniform Units: 1 Matching Lengths 2 Iterating the Unit 3 Exploring the Metre 6 Measuring Capacity 7 Reviewing Uniform Units Using Non-standard Units: 2 Measuring Length 2	<i>Animal Measures</i> <i>The Amazing Seed</i>
Year 1	Using units of measurement	VCMMG096	Tell time to the half-hour	Time and Temperature: 3 Telling Time	
Year 1	Using units of measurement	VCMMG097	Describe duration using months, weeks, days and hours	Time and Temperature: 4 Days and Weeks 5 Months in a Year 6 Relating to Seasons 7 The Calendar 10 Combining Time and Temperature	
Year 2	Using units of measurement	VCMMG115	Compare and order several shapes and objects based on length, area, volume and capacity using appropriate uniform informal units	Using Uniform Units: 4 Measuring Length 5 Measuring Area 6 Measuring Capacity 7 Reviewing Uniform Units Using Non-Standard Units: 1 Measuring Length 1 2 Measuring Length 2 3 Measuring Distance Around 5 Measuring Area 6 Measuring Capacity 7 Non-Standard Units	<i>Getting Ready for School</i> <i>The Discovery</i>

	Year	Sub-strand	Code	Description	Mathology Activities	Mathology Little Books
MEASUREMENT	Year 2	Using units of measurement	VCMMG116	Compare masses of objects using balance scales	Comparing Objects: 4 Comparing Mass Using Non-Standard Units: 4 Measuring Mass	<i>Gran's Damper</i>
	Year 2	Using units of measurement	VCMMG117	Tell time to the quarter-hour, using the language of 'past' and 'to'	Time and Temperature: 8 Time to the Quarter Hour 10 Combining Time and Temperature	
	Year 2	Using units of measurement	VCMMG118	Name and Order Months and Seasons	Time and Temperature: 5 Months in a Year 6 Relating to Seasons 7 The Calendar 9 Changes in Temperature 10 Combining Time and Temperature	
	Year 2	Using units of measurement	VCMMG119	Use a calendar to identify the date and determine the number of days in each month	Time and Temperature: 4 Days and Weeks 5 Months in a Year 7 The Calendar 10 Combining Time and Temperature	
GEOMETRY	Foundation	Shape	VCMMG081	Sort, describe and name familiar two-dimensional shapes and three-dimensional objects in the environment	2-D Shapes: 1 Sorting Shapes Geometric Relationships: 1 Relating Shapes and Solids 2 Identifying Shapes	<i>The New Nest Zoom In, Zoom Out The Castle Wall</i>
	Foundation	Location and Transformation	VCMMG082	Describe position and movement		<i>The New Nest Zoom In, Zoom Out</i>
	Year 1	Shape	VCMMG098	Recognise and classify familiar two-dimensional shapes and three-dimensional objects using obvious features	2-D Shapes: 2 Identifying Triangles 3 Identifying Rectangles 4 Visualizing Shapes 5 Sorting Rules 6 Guess the Sorting Rule 7 Sorting 2-D Shapes 8 Exploring 2-D Shapes 9 Constructing 2-D Shapes 10 Shape Review 3-D Solids: 1 Exploring Solids 2 Sorting 3-D Solids 3 Identify the Sorting Rule 4 Building with 3-D Solids Geometric Relationships: 3 Making Designs 4 Covering Outlines 5 Shapes in Other Shapes	<i>Memory Book What Was Here? The Tailor Shop</i>

Year	Sub-strand	Code	Description	Mathology Activities	Mathology Little Books
Year 1	Location and Transformation	VCMMG099	Give and follow directions to familiar locations	Location and Movement: 1 Positional Language 2 Reading Maps	<i>Memory Book</i>
Year 2	Shape	VCMMG120	Describe and draw two-dimensional shapes, with and without digital technologies	Geometric Relationships: 2 Identifying Shapes 6 Visualizing Shapes and Solids	<i>The Tailor Shop</i> <i>I Spy Awesome Buildings</i> <i>Gallery Tour</i> <i>WONDERful Buildings</i>
Year 2	Shape	VCMMG121	Describe the features of three-dimensional objects	3-D Solids: 1 Exploring Solids 2 Sorting 3-D Solids 3 Identify the Sorting Rule 4 Building with 3-D Solids 5 Sorting 3-D Solids 2 6 3-D Solids Around Us Geometric Relationships: 1 Relating Shapes and Solids	<i>I Spy Awesome Buildings</i> <i>Gallery Tour</i>
Year 2	Location and Transformation	VCMMG122	Interpret simple maps of familiar locations and identify the relative positions of key features	Location and Movement: 1 Positional Language 2 Reading Maps 3 Mapping 4 Drawing a Map 5 Maps and Location	<i>Robo</i>
Year 2	Location and Transformation	VCMMG123	Investigate the effect of one-step slides and flips with and without digital technologies	Geometric Relationships: 7 Flip, Slide, Turn Location and Movement: 6 Perspective 1 7 Perspective 2	<i>The Tailor Shop</i>
Year 2	Location and Transformation	VCMMG124	Identify and describe half and quarter turns	Geometric Relationships: 7 Flip, Slide, Turn	<i>Gallery Tour</i>

Year	Sub-strand	Code	Description	Mathology Activities	Mathology Little Books
K	Data Representation and Interpretation	VC MSP083	Answer yes/no questions to collect information and make simple inferences	Data Management: 1 Interpreting Graphs	<i>Hedge and Hog</i>
K	Data Representation and Interpretation	VC MSP084	Organise answers to yes/no questions into simple data displays using objects and drawings	Data Management: 1 Interpreting Graphs 2 Making Concrete Graphs 3 Making Pictographs	<i>Hedge and Hog</i>
K	Data Representation and Interpretation	VC MSP085	Interpret simple data displays about yes/no questions	Data Management: 1 Interpreting Graphs 2 Making Concrete Graphs 3 Making Pictographs	<i>Hedge and Hog</i>
Year 1	Chance	VC MSP100	Identify outcomes of familiar events involving chance and describe them using everyday language such as 'will happen', 'won't happen' or 'might happen'	Probability and Chance: 1 Likelihood of Events 1 2 What's the Chance?	
Year 1	Data Representation and Interpretation	VC MSP101	Choose simple questions and gather responses	Data Management: 3 Making Pictographs	<i>Marsh Watch</i>
Year 1	Data Representation and Interpretation	VC MSP102	Represent data with objects and drawings where one object or drawing represents one data value. Describe the displays	Data Management: 1 Interpreting Graphs 2 Making Concrete Graphs 3 Making Pictographs 4 Creating and Comparing Graphs 5 Interpreting Graphs 1 6 Interpreting Graphs 2 7 Making Graphs 1	<i>Graph It! Big Buddy Days</i>
Year 2	Chance	VC MSP125	Identify practical activities and everyday events that involve chance. Describe outcomes as 'likely' or 'unlikely' and identify some events as 'certain' or 'impossible'	Probability and Chance: 1 Likelihood of Events 1 2 What's the Chance? 3 Likelihood of Events 2	
Year 2	Data Representation and Interpretation	VC MSP126	Identify a question of interest based on one categorical variable. Gather data relevant to the question	Data Management: 8 Creating a Survey 10 Data Review	<i>Marsh Watch</i>
Year 2	Data Representation and Interpretation	VC MSP127	Collect, check and classify data	Data Management: 8 Creating a Survey 10 Data Review	<i>Marsh Watch</i>
Year 2	Data Representation and Interpretation	VC MSP128	Create displays of data using lists, table and picture graphs and interpret them	Data Management: 9 Making Graphs 2 10 Data Review	<i>Marsh Watch</i>

NSW Syllabus					Pearson Mathology	
Year	Sub-strand	Code	Outcome	Description	Mathology Activities	Mathology Little Books
ES1	Length	MAe-9MG	Describes and compares lengths and distances using everyday language.	Use direct and indirect comparisons to decide which is longer, and explain their reasoning using everyday language (ACMMG006)	Comparing Objects: 1 Predicting and Comparing Length 2 Comparing Length 3 Comparing Capacity 5 Making Comparisons 6 Comparing Objects Review	<i>To Be Long</i> <i>The Best in Show</i> <i>The Amazing Seed</i>
ES1	Area	MAe-10MG	Describes and compares areas using everyday language	Use direct comparison to decide which shape has a larger area and explain their reasoning using everyday language	Comparing Objects: 6 Comparing Objects Review 7 Comparing Area	
ES1	Volume and Capacity	MAe-11MG	Describes and compares the capacities of containers and the volumes of objects or substances using everyday language	Use direct and indirect comparisons to decide which holds more, and explain their reasoning using everyday language (ACMMG006)	Comparing Objects: 3 Comparing Capacity 6 Comparing Objects Review	
ES1	Mass	MAe-12MG	Describes and compares the masses of objects using everyday language	Use direct and indirect comparisons to decide which is heavier, and explain their reasoning using everyday language (ACMMG006)	Comparing Objects: 6 Comparing Objects Review 4 Comparing Mass	<i>The Best in Show</i>
ES1	Time	MAe-13MG	Sequences events, uses everyday language to describe the durations of events, and reads hour time on clocks	Compare and order the duration of events using the everyday language of time (ACMMG007)	Time and Temperature: 1 Days and Duration 2 Passage of Time	
				Connect days of the week to familiar events and actions (ACMMG008)	Time and Temperature: 1 Days and Duration	
				Tell time on the hour on analog and digital clocks	Time and Temperature: 3 Telling Time	
S1	Length 1	MA1-9MG	Measures, records, compares and estimates lengths and distances using uniform informal units, metres and centimetres.	Measure and compare the lengths of pairs of objects using uniform informal units (ACMMG019)	Using Uniform Units: 1 Matching Lengths 2 Iterating the Unit 3 Exploring the Metre 4 Measuring Length 7 Reviewing Uniform Units Using Non-standard Units: 2 Measuring Length 2	<i>Animal Measures</i> <i>The Amazing Seed</i>

Year	Sub-strand	Code	Outcome	Description	Mathology Activities	Mathology Little Books
S1	Length 2	MA1-9MG	Measures, records, compares and estimates lengths and distances using uniform informal units, metres and centimetres.	Compare and order several shapes and objects based on length, using appropriate uniform informal units (ACMMG037)	Using Non-Standard Units: 1 Measuring Length 1 2 Measuring Length 2 3 Measuring Distance Around 7 Non-Standard Units	<i>Getting Ready for School The Discovery</i>
				Recognise and use formal units to measure the lengths of objects	Using Uniform Units: 3 Exploring the Metre 8 A Benchmark of One Metre 7 Reviewing Uniform Units Using Standard Units: 1 Benchmarks and Estimation 2 The Metre 3 The Centimetre 4 Metres or Centimetres? 5 Metres and Centimetres	<i>Getting Ready for School The Discovery</i>
S1	Area 1	MA1-10MG	Measures, records, compares and estimates areas using uniform informal units.	Measure and compare areas using uniform informal units	Comparing Objects: 7 Comparing Area Using Uniform Units: 7 Reviewing Uniform Units Using Non-Standard Units 5 Measuring Area	
S1	Area 2	MA1-10MG	Measures, records, compares and estimates areas using uniform informal units.	Compare and order several shapes and objects based on area, using appropriate uniform informal units (ACMMG037)	Using Non-Standard Units 5 Measuring Area 7 Non-Standard Units	<i>The Discovery</i>
S1	Volume and Capacity 1	MA1-11MG	Measures, records, compares and estimates volumes and capacities using uniform informal units.	Measure and compare the capacities of pairs of objects using uniform informal units (ACMMG019)	Using Uniform Units: 6 Measuring Capacity 7 Reviewing Uniform Units	<i>Gran's Damper</i>
S1	Volume and Capacity 2	MA1-11MG	Measures, records, compares and estimates volumes and capacities using uniform informal units	Compare and order several objects based on volume and capacity using appropriate uniform informal units (ACMMG037)	Using Non-Standard Units: 6 Measuring Capacity 7 Non-Standard Units	
S1	Mass 1	MA1-12MG	Measures, records, compares and estimates the masses of objects using uniform informal units	Investigate mass using a pan balance.	Comparing Objects: 4 Comparing Mass	<i>Gran's Damper</i>
S1	Mass 2	MA1-12MG	Measures, records, compares and estimates the masses of objects using uniform informal units	Compare the masses of objects using balance scales (ACMMG038)	Comparing Objects: 4 Comparing Mass Using Non-Standard Units: 4 Measuring Mass	<i>Gran's Damper</i>

	Year	Sub-strand	Code	Outcome	Description	Mathology Activities	Mathology Little Books
MEASUREMENT	S1	Time 1	MA1-13MG	Describes, compares and orders durations of events, and reads half- and quarter-hour time	Name and order months and seasons (ACMMG040)	Time and Temperature: 5 Months in a Year 6 Relating to Seasons 7 The Calendar 9 Changes in Temperature 10 Combining Time and Temperature	
					Use a calendar to identify the date and determine the number of days in each month (ACMMG041)	Time and Temperature: 4 Days and Weeks 5 Months in a Year 7 The Calendar 10 Combining Time and Temperature	
					Tell time to the half-hour (ACMMG020)	Time and Temperature: 3 Telling Time	
	S1	Time 2	MA1-13MG	Describes, compares and orders durations of events, and reads half- and quarter-hour time	Describe duration using months, weeks, days and hours (ACMMG021)	Time and Temperature: 4 Days and Weeks 5 Months in a Year 6 Relating to Seasons 7 The Calendar 10 Combining Time and Temperature	
Tell time to the quarter-hour using the language of 'past' and 'to' (ACMMG039)					Time and Temperature: 8 Time to the Quarter Hour 10 Combining Time and Temperature		
GEOMETRY	ES1	3D Space	MAe-14MG	Manipulates, sorts and represents three-dimensional objects and describes them using everyday language	Sort, describe and name familiar three-dimensional objects in the environment (ACMMG009)	Geometric Relationships: 1 Relating Shapes and Solids 2 Identifying Shapes	<i>Zoom In, Zoom Out</i> <i>The Castle Wall</i>
	ES1	2D Space	MAe-15MG	Manipulates, sorts and describes representations of two-dimensional shapes, including circles, triangles, squares and rectangles, using everyday language.	Sort, describe and name familiar two-dimensional shapes in the environment (ACMMG009)	2-D Shapes: 1 Sorting Shapes Geometric Relationships: 2 Identifying Shapes	<i>The New Nest</i> <i>Zoom In, Zoom Out</i> <i>The Castle Wall</i>
	ES1	Position	MAe-16MG	Describes position and gives and follows simple directions using everyday language.	Describe position and movement (ACMMG010)		<i>The New Nest</i> <i>Zoom In, Zoom Out</i>
	S1	3D Space 1	MA1-14MG	Sorts, describes, represents and recognises familiar three-dimensional objects, including cones, cubes, cylinders, spheres and prisms.	Recognise and classify familiar three-dimensional objects using obvious features (ACMMG022)	3-D Solids: 1 Exploring Solids 2 Sorting 3-D Solids 3 Identify the Sorting Rule 4 Building with 3-D Solids	<i>The Castle Wall</i> <i>Memory Book</i> <i>What Was Here?</i> <i>The Tailor Shop</i>

Year	Sub-strand	Code	Outcome	Description	Mathology Activities	Mathology Little Books
S1	3D Space 2	MA1-14MG	Sorts, describes, represents and recognises familiar three-dimensional objects, including cones, cubes, cylinders, spheres and prisms.	Describe the features of three-dimensional objects (ACMMG043)	3-D Solids: <ol style="list-style-type: none"> Exploring Solids Sorting 3-D Solids Identify the Sorting Rule Building with 3-D Solids Sorting 3-D Solids 2 3-D Solids Around Us Geometric Relationships: <ol style="list-style-type: none"> Relating Shapes and Solids 	<i>I Spy Awesome Buildings</i> <i>Gallery Tour</i>
S1	2D Space 1	MA1-15MG	Manipulates, sorts, represents, describes and explores two-dimensional shapes, including quadrilaterals, pentagons, hexagons and octagons.	Recognise and classify familiar two-dimensional shapes using obvious features (ACMMG022)	2-D Shapes: <ol style="list-style-type: none"> Identifying Triangles Identifying Rectangles Visualizing Shapes Sorting Rules Guess the Sorting Rule Sorting 2-D Shapes Exploring 2-D Shapes Constructing 2-D Shapes Shape Review Geometric Relationships: <ol style="list-style-type: none"> Making Designs Covering Outlines Shapes in Other Shapes 	<i>Memory Book</i> <i>What Was Here?</i> <i>The Tailor Shop</i>
S1	2D Space 2	MA1-15MG	Manipulates, sorts, represents, describes and explores two-dimensional shapes, including quadrilaterals, pentagons, hexagons and octagons.	Describe and draw two-dimensional shapes, with and without the use of digital technologies (ACMMG042)	Geometric Relationships: <ol style="list-style-type: none"> Identifying Shapes Visualizing Shapes and Solids 	<i>The Tailor Shop</i> <i>I Spy Awesome Buildings</i> <i>Gallery Tour</i> <i>WONDERful Buildings</i>
				Investigate the effect of one-step slides and flips, with and without the use of digital technologies (ACMMG045)	Geometric Relationships: <ol style="list-style-type: none"> Flip, Slide, Turn Location and Movement: <ol style="list-style-type: none"> Perspective 1 Perspective 2 	<i>The Tailor Shop</i>
				Identify and describe half-turns and quarter-turns (ACMMG046)	Geometric Relationships: <ol style="list-style-type: none"> Flip, Slide, Turn 	<i>Gallery Tour</i>
S1	Position 1	MA1-16MG	Represents and describes the positions of objects in everyday situations and on maps.	Give and follow directions to familiar locations (ACMMG023)	Location and Movement: <ol style="list-style-type: none"> Positional Language Reading Maps 	<i>Memory Book</i>
S1	Position 2	MA1-16MG	Represents and describes the positions of objects in everyday situations and on maps.	Interpret simple maps of familiar locations and identify the relative positions of key features (ACMMG044)	Location and Movement: <ol style="list-style-type: none"> Positional Language Reading Maps Mapping Drawing a Map Maps and Location 	<i>Robo</i>

Year	Sub-strand	Code	Outcome	Description	Mathology Activities	Mathology Little Books
ES1	Data	MAe-17SP	Represents data and interprets data displays made from objects.	Answer yes/no questions to collect information and make simple inferences. (ACMSP011)	Data Management: 1 Interpreting Graphs 2 Making Concrete Graphs	<i>Hedge and Hog</i>
				Organise objects into simple data displays and interpret the displays	Data Management: 2 Making Concrete Graphs 3 Making Pictographs	<i>Hedge and Hog</i>
S1	Data 1	MA1-17SP	Gathers and organises data, displays data in lists, tables and picture graphs, and interprets the results	Choose simple questions and gather responses (ACMSP262)	Data Management: 3 Making Pictographs	<i>Marsh Watch</i>
				Represent data with objects and drawings where one object or drawing represents one data value and describe the displays (ACMSP263)	Data Management: 1 Interpreting Graphs 2 Making Concrete Graphs 3 Making Pictographs 4 Creating and Comparing Graphs 5 Interpreting Graphs 1 6 Interpreting Graphs 2 7 Making Graphs 1	<i>Graph It! Big Buddy Days</i>
S1	Data 2	MA1-17SP	Gathers and organises data, displays data in lists, tables and picture graphs, and interprets the results	Identify a question of interest based on one categorical variable. Gather data relevant to the question (ACMSP048)	Data Management: 8 Creating a Survey 10 Data Review	<i>Marsh Watch</i>
				Collect, check and classify data (ACMSP049)	Data Management: 8 Creating a Survey 10 Data Review	<i>Marsh Watch</i>
				Create displays of data using lists, table and picture graphs and interpret them (ACMSP050)	Data Management: 9 Making Graphs 2 10 Data Review	<i>Marsh Watch</i>
S1	Chance 1	MA1-18SP	Recognises and describes the element of chance in everyday events	Identify outcomes of familiar events involving chance and describe them using everyday language, such as 'will happen', 'might happen', 'won't happen', 'probably' (ACMSP024)	Probability and Chance: 1 Likelihood of Events 1 2 What's the Chance?	
S1	Chance 2	MA1-18SP	Recognises and describes the element of chance in everyday events	Identify practical activities and everyday events that involve chance (ACMSP047)	Probability and Chance: 3 Likelihood of Events 2	
				Describe outcomes as 'likely' or 'unlikely' and identify some events as 'certain' or 'impossible' (ACMSP047)	Probability and Chance: 1 Likelihood of Events 1 2 What's the Chance?	