



F-2 Teaching Companion:

Number,
Patterns
and Algebra

Curriculum Correlation

Pearson Mathology F-2: Number, Patterns and Algebra

	Australian and West Australian Curriculum				Pearson Mathology	
	Year	Sub-strand	Code	Description	Mathology Activities	Mathology Little Books
NUMBER	Foundation/ Pre-Primary	Number and place value	ACMNA001	Establish understanding of the language and processes of counting by naming numbers in sequences, initially to and from 20, moving from any starting point	Counting: 1 Counting to 20 2 Counting On and Back 3 Ordinal Numbers 1 Spatial Reasoning: 2 Estimating Small Sets 4 Estimating Quantities Comparing and Ordering: 1 Comparing Sets Concretely 2 Comparing Sets Pictorially Composing and Decomposing: 4 Composing and Decomposing to 20 Number Relationships 1: 1 Ordinal Numbers 2	<i>A Warm Cozy Nest</i> <i>Dan's Doggy Daycare</i> <i>Lots of Dots!!</i> <i>Acorns for Wilaiya</i> <i>Time for Games</i> <i>Let's Play Waltes!</i> <i>On Safari!</i> <i>Paddling the River</i>
	Foundation/ Pre-Primary	Number and place value	ACMNA002	Connect number names, numerals and quantities, including zero, initially up to 10 and then beyond	Counting: 1 Counting to 20 2 Counting On and Back Spatial Reasoning: 2 Estimating Small Sets 4 Estimating Quantities Composing and Decomposing: 1 Decomposing 10	<i>A Warm Cozy Nest</i> <i>Dan's Doggy Daycare</i> <i>Lots of Dots!</i> <i>Acorns for Wilaiya</i> <i>Animals Hide</i> <i>Time for Games</i> <i>Let's Play Waltes!</i> <i>On Safari!</i> <i>Paddling the River</i> <i>At the Corn Farm</i>
	Foundation/ Pre-Primary	Number and place value	ACMNA003	Subitise small collections of objects	Spatial Reasoning: 1 Subitizing to 5 3 Subitizing to 10	<i>Lots of Dots!</i> <i>Acorns for Wilaiya</i> <i>Spot Check!</i>
	Foundation/ Pre-Primary	Number and place value	ACMNA289	Compare, order and make correspondences between collections, initially to 20, and explain reasoning	Spatial Reasoning: 2 Estimating Small Sets 4 Estimating Quantities Comparing and Ordering: 1 Comparing Sets Concretely 2 Comparing Sets Pictorially Composing and Decomposing: 2 Numbers to 10 4 Composing and Decomposing to 20 Number Relationships 1: 2 Comparing Quantities	<i>Dan's Doggy Daycare</i> <i>Spot Check!</i> <i>Time for Games</i> <i>Let's Play Waltes!</i> <i>Paddling the River</i>

NUMBER	Year	Sub-strand	Code	Description	Mathology Activities	Mathology Little Books
	Foundation/ Pre-Primary	Number and place value	ACMNA004	Represent practical situations to model addition and sharing	<p>Counting:</p> <ol style="list-style-type: none"> Counting to 20 <p>Composing and Decomposing:</p> <ol style="list-style-type: none"> Decomposing 10 Numbers to 10 Numbers to 20 Composing and Decomposing to 20 <p>Operational Fluency:</p> <ol style="list-style-type: none"> Investigating Addition Adding to 20 Complements of 10 	<p><i>Dan's Doggy Daycare</i> <i>Acorns for Wilaiya</i> <i>Animals Hide</i> <i>Let's Play Waltes!</i> <i>On Safari!</i> <i>Paddling the River</i> <i>At the Corn Farm</i> <i>The Best Birthday</i> <i>Family Fun Day</i></p>
Year 1	Number and place value	ACMNA012	Develop confidence with number sequences to and from 100 by ones from any starting point. Skip count by twos, fives and tens starting from zero	<p>Counting:</p> <ol style="list-style-type: none"> Counting to 50 Counting To and From 50 Bridging Tens <p>Comparing and Ordering:</p> <ol style="list-style-type: none"> Comparing Numbers to 50 Comparing and Ordering Strategies <p>Skip-Counting:</p> <ol style="list-style-type: none"> Skip-Counting Forward Skip-Counting with Leftovers Skip-Counting Backward Using Skip-Counting <p>Composing and Decomposing:</p> <ol style="list-style-type: none"> Equal Groups <p>Operational Fluency:</p> <ol style="list-style-type: none"> More or Less <p>Grouping and Place Value:</p> <ol style="list-style-type: none"> Making a Number Line Grouping to Count <p>Number Relationships 2:</p> <ol style="list-style-type: none"> Jumping on the Number Line <p>Early Multiplicative Thinking:</p> <ol style="list-style-type: none"> Grouping in 2s, 5s and 10s 	<p><i>How Many is Too Many?</i> <i>At the Corn Farm</i> <i>Ways to Count</i> <i>What Would You Rather?</i> <i>Family Fun Day</i></p>	

Year	Sub-strand	Code	Description	Mathology Activities	Mathology Little Books
Year 1	Number and place value	ACMNA013	Recognise, model, read, write and order numbers to at least 100. Locate these numbers on a number line	<p>Counting:</p> <ul style="list-style-type: none"> 4 Counting to 50 5 Counting to and from 50 6 Bridging Tens <p>Comparing and Ordering:</p> <ul style="list-style-type: none"> 3 Comparing Numbers to 50 4 Comparing and Ordering Strategies <p>Skip-Counting:</p> <ul style="list-style-type: none"> 1 Skip-Counting Forward 2 Skip-Counting with Leftovers 3 Skip-Counting Backward 4 Using Skip-Counting <p>Composing and Decomposing:</p> <ul style="list-style-type: none"> 4 Composing and Decomposing to 20 5 Money Amounts <p>Early Place Value:</p> <ul style="list-style-type: none"> 1 Tens and Ones 2 Building and Naming Numbers 3 Different Representations 4 Place Value <p>Financial Literacy:</p> <ul style="list-style-type: none"> 6 Saving Regularly <p>Number Relationships 1:</p> <ul style="list-style-type: none"> 2 Comparing Quantities 4 Ordering Quantities 5 Estimating with Benchmarks 7 Number Relationships Review <p>Grouping and Place Value:</p> <ul style="list-style-type: none"> 1 Building Numbers 2 Making a Number Line 4 Grouping and Place Value Review <p>Number Relationships 2:</p> <ul style="list-style-type: none"> 1 Benchmarks on a Number Line 2 Decomposing 50 3 Jumping on the Number Line 4 Who Am I? 	<p><i>How Many is Too Many?</i> <i>The Great Dog Sled Race</i></p>
Year 1	Number and place value	ACMNA014	Count collections to 100 by partitioning numbers using place value	<p>Early Place Value:</p> <ul style="list-style-type: none"> 1 Tens and Ones 2 Building and Naming Numbers 3 Different Representations 4 Place Value <p>Grouping and Place Value:</p> <ul style="list-style-type: none"> 1 Building Numbers 3 Grouping to Count 4 Grouping and Place Value Review <p>Number Relationships 2:</p> <ul style="list-style-type: none"> 2 Decomposing 50 3 Jumping on the Number Line 4 Who Am I? 	<p><i>At the Corn Farm</i> <i>Ways to Count</i> <i>What Would You Rather?</i> <i>Family Fun Day</i></p>

Year	Sub-strand	Code	Description	Mathology Activities	Mathology Little Books
Year 1	Number and place value	ACMNA015	Represent and solve simple addition and subtraction problems using a range of strategies including counting on, partitioning and rearranging parts	<p>Counting:</p> <p>4 Counting to 50 5 Counting To and From 50</p> <p>Composing and Decomposing:</p> <p>3 Numbers to 20</p> <p>Early Place Value:</p> <p>2 Building and Naming Numbers</p> <p>Operational Fluency:</p> <p>2 Adding to 20 3 Complements of 10 4 More or Less 5 Subtracting to 20 6 The Number Line 7 Doubles 8 Part-Part-Whole 9 Solving Story Problems 10 Write Your Own Story Problems 11 Using Doubles 12 Fluency with 20 13 Addition and Subtraction Strategies</p> <p>Financial Literacy:</p> <p>1 Class Shop 5 Spending Money 6 Saving Regularly 7 Exchanging Money</p> <p>Number Relationships 1:</p> <p>3 Decomposing to 20 7 Number Relationships Review</p> <p>Number Relationships 2:</p> <p>2 Decomposing 50</p> <p>Equality and Inequality (P&A):</p> <p>2 Making Equal Sets 3 Using Symbols 4 Expressing Equality</p> <p>Conceptualizing Addition and Subtraction:</p> <p>1 Exploring Properties</p>	<p><i>Cats and Kittens!</i> <i>That's 10!</i> <i>Buy 1 - Get 1</i> <i>Hockey Time!</i> <i>Nutty and Wolfy</i> <i>Family Fun Day</i> <i>Gran's Damper</i></p>
Year 1	Fractions and decimals	ACMNA016	Recognise and describe one-half as one of two equal parts of a whole.	<p>Early Fractional Thinking:</p> <p>1 Equal Parts 1 2 Equal Parts 2</p>	<p><i>The Best Birthday</i></p>
Year 1	Money and financial mathematics	ACMNA017	Recognise, describe and order Australian coins according to their value	<p>Composing and Decomposing:</p> <p>5 Money Amounts</p> <p>Financial Literacy:</p> <p>1 Class Shop 2 Values of Coins 4 Estimating Money</p>	<p><i>The Money Jar</i></p>

Year	Sub-strand	Code	Description	Mathology Activities	Mathology Little Books
Year 2	Number and place value	ACMNA026	Investigate number sequences, initially those increasing and decreasing by twos, threes, fives and tens from any starting point, then moving to other sequences	Counting: 7 Consolidating Counting Skip-Counting: 5 Skip-Counting Flexibly 6 Skipping Backward Early Multiplicative Thinking: 4 Exploring Repeated Addition 5 Repeated Addition and Multiplication 6 Repeated Subtraction and Division	<i>Ways to Count</i>
Year 2	Number and place value	ACMNA027	Recognise, model, represent and order numbers to at least 1000		<i>Fantastic Journeys Finding Buster</i>
Year 2	Number and place value	ACMNA028	Group, partition and rearrange collections up to 1000 in hundreds, tens and ones to facilitate more efficient counting		<i>Finding Buster How Numbers Work</i>
Year 2	Number and place value	ACMNA029	Explore the connection between addition and subtraction	Conceptualizing Addition and Subtraction: 1 Exploring Properties 2 Solving Problems 1 4 Solving Problems 3 5 Solving Problems 4 6 Sharing Strategies	<i>A Class-full of Projects The Money Jar Gran's Damper</i>
Year 2	Number and place value	ACMNA030	Solve simple addition and subtraction problems using a range of efficient mental and written strategies	Operational Fluency: 11 Using Doubles 12 Fluency with 20 13 Addition and Subtraction Strategies 14 Multi-Digit Fluency Conceptualizing Addition and Subtraction: 1 Exploring Properties 2 Solving Problems 1 3 Solving Problems 2 4 Solving Problems 3 5 Solving Problems 4 6 Sharing Strategies Equality and Inequality: 6 Equal or Not Equal? 7 Exploring Number Sentences 8 Exploring Properties 9 Missing Numbers 10 Representing Equality and Inequality	<i>That's 10! A Class-full of Projects The Money Jar The Great Dog Sled Race Marbles, Alleys, Mibs, Guli! Array's Bakery</i>
Year 2	Number and place value	ACMNA031	Recognise and represent multiplication as repeated addition, groups and arrays	Early Multiplicative Thinking: 1 Grouping in 2s, 5s and 10s 3 Making Equal Groups 4 Exploring Repeated Addition 5 Repeated Addition and Multiplication	<i>The Money Jar Marbles, Alleys, Mibs, Guli! Array's Bakery Sports Camp</i>

	Year	Sub-strand	Code	Description	Mathology Activities	Mathology Little Books
NUMBER	Year 2	Number and place value	ACMNA032	Recognise and represent division as grouping into equal sets and solve simple problems using these representations	Composing and Decomposing: 6 Equal Groups Early Fractional Thinking: 1 Equal Parts 2 Early Multiplicative Thinking: 1 Grouping in 2s, 5s and 10s 2 Making Equal Shares 3 Making Equal Groups 6 Repeated Subtraction and Division	<i>Marbles, Alleys, Mibs, Guli!</i> <i>Array's Bakery</i> <i>Sports Camp</i>
	Year 2	Fractions and decimals	ACMNA033	Recognise and interpret common uses of halves, quarters and eighths of shapes and collections	Early Fractional Thinking: 1 Equal Parts 1 2 Equal Parts 2 3 Comparing Fractions 1 4 Comparing Fractions 2 5 Regrouping Fractional Parts 6 Which Fraction is Bigger?	
	Year 2	Money and financial mathematics	ACMNA034	Count and order small collections of Australian coins and notes according to their value	Financial Literacy: 3 Counting Coin Collections 4 Estimating Money 5 Spending Money 6 Saving Regularly 7 Exchanging Money 8 Earning Money 9 Savings Plans	<i>The Money Jar</i>
PATTERNS AND ALGEBRA	Foundation/ Pre-Primary	Patterns and algebra	ACMNA005	Sort and classify familiar objects and explain the basis for these classifications. Copy, continue and create patterns with objects and drawings	Repeating Patterns: 1 Extending Repeating Patterns 2 Repeating the Core Creating Patterns: 1 Extending Patterns 2 Translating Patterns 3 Errors and Missing Parts 4 Creating Repeating Patterns Equality and Inequality: 1 Exploring Sets	<i>A Lot of Noise</i> <i>Hedge and Hog</i>
	Year 1	Patterns and algebra	ACMNA018	Investigate and describe number patterns formed by skip-counting and patterns with objects	Repeating Patterns: 3 Representing Patterns 4 Predicting Elements 5 Finding Patterns 6 Exploring Patterns 7 Extending and Predicting 8 Combining Attributes 9 Reviewing Repeating Patterns Creating Patterns: 1 Extending Patterns 2 Translating Patterns 3 Errors and Missing Parts 4 Creating Repeating Patterns	Increasing/ Decreasing Patterns: 1 Increasing Patterns 1 2 Increasing Patterns 2 3 Decreasing Patterns 4 Reproducing Patterns <i>Midnight and Snowfall</i> <i>The Best Surprise</i> <i>How Numbers Work</i>

PATTERNS AND ALGEBRA	Year	Sub-strand	Code	Description	Mathology Activities	Mathology Little Books
	Year 2	Patterns and algebra	ACMNA035	Describe patterns with numbers and identify missing elements	<p>Counting:</p> <ul style="list-style-type: none"> 7 Consolidating Counting <p>Skip-Counting:</p> <ul style="list-style-type: none"> 5 Skip-Counting Flexibly 6 Skipping Backward <p>Number Relationships 1:</p> <ul style="list-style-type: none"> 6 Odd and Even Numbers 7 Number Relationships Review <p>Repeating Patterns:</p> <ul style="list-style-type: none"> 9 Repeating Patterns 10 Errors and Missing Elements <p>Increasing/Decreasing Patterns:</p> <ul style="list-style-type: none"> 1 Increasing Patterns 1 2 Increasing Patterns 2 3 Decreasing Patterns 4 Reproducing Patterns 5 Extending Patterns 6 Creating Patterns 7 Errors and Missing Terms 8 Reviewing Patterns 	<i>The Best Surprise</i>
Year 2	Patterns and algebra	ACMNA036	Solve problems by using number sentences for addition or subtraction	<p>Increasing/Decreasing Patterns:</p> <ul style="list-style-type: none"> 8 Reviewing Patterns <p>Equality and Inequality:</p> <ul style="list-style-type: none"> 2 Making Equal Sets 3 Using Symbols 4 Expressing Equality 5 Equal and Unequal Sets 6 Equal or Not Equal? 7 Exploring Number Sentences 8 Exploring Properties 9 Missing Numbers 10 Expressing Equality and Inequality 	<p><i>A Class-full of Projects</i> <i>The Money Jar</i> <i>The Great Dog Sled Race</i> <i>Marbles, Alleys, Mibs, Guli!</i> <i>Array's Bakery</i></p>	

Victorian Curriculum				Pearson Mathology		
Year	Sub-strand	Code	Description	Mathology Activities	Mathology Little Books	
NUMBER	Foundation	Number and Place Value	VCMNA069	Establish understanding of the language and processes of counting by naming numbers in sequences, initially to and from 20, moving from any starting point	<p>Counting:</p> <ul style="list-style-type: none"> 1 Counting to 20 2 Counting On and Back 3 Ordinal Numbers 1 <p>Spatial Reasoning:</p> <ul style="list-style-type: none"> 2 Estimating Small Sets 4 Estimating Quantities <p>Comparing and Ordering:</p> <ul style="list-style-type: none"> 1 Comparing Sets Concretely 2 Comparing Sets Pictorially <p>Composing and Decomposing:</p> <ul style="list-style-type: none"> 4 Composing and Decomposing to 20 <p>Number Relationships 1:</p> <ul style="list-style-type: none"> 1 Ordinal Numbers 2 	<p><i>A Warm Cozy Nest</i> <i>Dan's Doggy Daycare</i> <i>Lots of Dots!</i> <i>Acorns for Wilaiya</i> <i>Time for Games</i> <i>Let's Play Waltes!</i> <i>On Safari!</i> <i>Paddling the River</i></p>
	Foundation	Number and Place Value	VCMNA070	Connect number names, numerals and quantities, including zero, initially up to 10 and then beyond	<p>Counting:</p> <ul style="list-style-type: none"> 1 Counting to 20 2 Counting On and Back <p>Spatial Reasoning:</p> <ul style="list-style-type: none"> 2 Estimating Small Sets 4 Estimating Quantities <p>Composing and Decomposing:</p> <ul style="list-style-type: none"> 1 Decomposing 10 	<p><i>A Warm Cozy Nest</i> <i>Dan's Doggy Daycare</i> <i>Lots of Dots!</i> <i>Acorns for Wilaiya</i> <i>Animals Hide</i> <i>Time for Games</i> <i>Let's Play Waltes!</i> <i>On Safari!</i> <i>Paddling the River</i> <i>At the Corn Farm</i></p>
	Foundation	Number and Place Value	VCMNA071	Subitise small collections of objects	<p>Spatial Reasoning:</p> <ul style="list-style-type: none"> 1 Subitizing to 5 3 Subitizing to 10 	<p><i>Lots of Dots!</i> <i>Acorns for Wilaiya</i> <i>Spot Check!</i></p>
	Foundation	Number and Place Value	VCMNA072	Compare, order and make correspondences between collections, initially to 20, and explain reasoning	<p>Spatial Reasoning:</p> <ul style="list-style-type: none"> 2 Estimating Small Sets 4 Estimating Quantities <p>Comparing and Ordering:</p> <ul style="list-style-type: none"> 1 Comparing Sets Concretely 2 Comparing Sets Pictorially <p>Composing and Decomposing:</p> <ul style="list-style-type: none"> 2 Numbers to 10 4 Composing and Decomposing to 20 <p>Number Relationships 1:</p> <ul style="list-style-type: none"> 2 Comparing Quantities 	<p><i>Dan's Doggy Daycare</i> <i>Spot Check!</i> <i>Time for Games</i> <i>Let's Play Waltes!</i> <i>Paddling the River</i></p>
	Foundation	Number and Place Value	VCMNA073	Represent practical situations to model addition and subtraction	<p>Counting:</p> <ul style="list-style-type: none"> 1 Counting to 20 <p>Composing and Decomposing:</p> <ul style="list-style-type: none"> 1 Decomposing 10 2 Numbers to 10 3 Numbers to 20 4 Composing and Decomposing to 20 	<p><i>Dan's Doggy Daycare</i> <i>Acorns for Wilaiya</i> <i>Animals Hide</i> <i>Let's Play Waltes!</i> <i>On Safari!</i> <i>Paddling the River</i></p>

NUMBER	Year	Sub-strand	Code	Description	Mathology Activities	Mathology Little Books
					Operational Fluency: 1 Investigating Addition 2 Adding to 20 3 Complements of 10	
	Foundation	Number and Place Value	VCMNA074	Represent practical situations to model sharing	Counting: 1 Counting to 20 Composing and Decomposing: 1 Decomposing 10 2 Numbers to 10 3 Numbers to 20 4 Composing and Decomposing to 20 Operational Fluency: 1 Investigating Addition 2 Adding to 20 3 Complements of 10	Dan's Doggy Daycare Acorns for Wilaiya Animals Hide Let's Play Waltes! On Safari! Paddling the River At the Corn Farm The Best Birthday Family Fun Day
	Foundation	Money and financial mathematics	VCMNA075	Represent simple, everyday financial situations involving money	Financial Literacy: 1 Class Shop 7 Values of Coins	
Level 1	Number and place value	VCMNA086	Develop confidence with number sequences to and from 100 by ones from any starting point. Skip count by twos, fives and tens starting from zero	Counting: 4 Counting to 50 5 Counting To and From 50 6 Bridging Tens Comparing and Ordering: 3 Comparing Numbers to 50 4 Comparing and Ordering Strategies Composing and Decomposing: 6 Equal Groups Operational Fluency: 4 More or Less Skip-Counting: 1 Skip-Counting Forward 2 Skip-Counting with Leftovers 3 Skip-Counting Backward 4 Using Skip-Counting Grouping and Place Value: 2 Making a Number Line 3 Grouping to Count Number Relationships 2: 3 Jumping on the Number Line Early Multiplicative Thinking: 1 Grouping in 2s, 5s and 10s	<i>How Many is Too Many?</i> <i>At the Corn Farm</i> <i>Ways to Count</i> <i>What Would You Rather?</i> <i>Family Fun Day</i>	

Year	Sub-strand	Code	Description	Mathology Activities	Mathology Little Books
Level 1	Number and place value	VCMNA087	Recognise, model, read, write and order numbers to at least 100. Locate these numbers on a number line	<p>Counting:</p> <ul style="list-style-type: none"> 4 Counting to 50 5 Counting to and from 50 6 Bridging Tens <p>Comparing and Ordering:</p> <ul style="list-style-type: none"> 3 Comparing Numbers to 50 4 Comparing and Ordering Strategies <p>Skip-Counting:</p> <ul style="list-style-type: none"> 1 Skip-Counting Forward 2 Skip Counting with Leftovers 3 Skip-Counting Backward 4 Using Skip-Counting <p>Composing and Decomposing:</p> <ul style="list-style-type: none"> 4 Composing and Decomposing to 20 5 Money Amounts <p>Early Place Value:</p> <ul style="list-style-type: none"> 1 Tens and Ones 2 Building and Naming Numbers 3 Different Representations 4 Place Value <p>Financial Literacy:</p> <ul style="list-style-type: none"> 6 Saving Regularly <p>Number Relationships 1:</p> <ul style="list-style-type: none"> 2 Comparing Quantities 4 Ordering Quantities 5 Estimating with Benchmarks 7 Number Relationships Review <p>Grouping and Place Value:</p> <ul style="list-style-type: none"> 1 Building Numbers 2 Making a Number Line 4 Grouping and Place Value Review <p>Number Relationships 2:</p> <ul style="list-style-type: none"> 1 Benchmarks on a Number Line 2 Decomposing 50 3 Jumping on the Number Line 4 Who Am I? 	<p><i>How Many is Too Many?</i> <i>The Great Dog Sled Race</i></p>
Level 1	Number and place value	VCMNA088	Count collections to 100 by partitioning numbers using place value	<p>Early Place Value</p> <ul style="list-style-type: none"> 1 Tens and Ones 2 Building and Naming Numbers 3 Different Representations 4 Place Value <p>Grouping and Place Value:</p> <ul style="list-style-type: none"> 1 Building Numbers 3 Grouping to Count 4 Grouping and Place Value Review <p>Number Relationships 2:</p> <ul style="list-style-type: none"> 2 Decomposing 50 3 Jumping on the Number Line 4 Who Am I? 	<p><i>At the Corn Farm</i> <i>Ways to Count</i> <i>What Would You Rather?</i> <i>Family Fun Day</i></p>

Year	Sub-strand	Code	Description	Mathology Activities	Mathology Little Books
Level 1	Number and place value	VCMNA089	Represent and solve simple addition and subtraction problems using a range of strategies including counting on, partitioning and rearranging parts	<p>Counting:</p> <p>4 Counting to 50 5 Counting To and From 50</p> <p>Composing and Decomposing:</p> <p>3 Numbers to 20</p> <p>Early Place Value:</p> <p>2 Building and Naming Numbers</p> <p>Operational Fluency:</p> <p>2 Adding to 20 3 Complements of 10 4 More or Less 5 Subtracting to 20 6 The Number Line 7 Doubles 8 Part-Part-Whole 9 Solving Story Problems 10 Write Your Own Story Problems 11 Using Doubles 12 Fluency with 20 13 Addition and Subtraction Strategies</p> <p>Financial Literacy:</p> <p>1 Class Shop 5 Spending Money 6 Saving Regularly 7 Exchanging Money</p> <p>Number Relationships 1:</p> <p>3 Decomposing to 20 7 Number Relationships Review</p> <p>Number Relationships 2:</p> <p>2 Decomposing 50</p> <p>Equality and Inequality (P&A):</p> <p>2 Making Equal Sets 3 Using Symbols 4 Expressing Equality</p> <p>Conceptualizing Addition and Subtraction:</p> <p>1 Exploring Properties</p>	<p><i>Cats and Kittens! That's 10!</i> <i>Buy 1 - Get 1 Hockey Time! Nutty and Wolfy Family Fun Day Gran's Damper</i></p>
Level 1	Number and place value	VCMNA090	Represent practical situations that model sharing	<p>Early Multiplicative Thinking:</p> <p>1 Grouping in 2s, 5s and 10s 2 Making Equal Shares 3 Making Equal Groups</p>	<p><i>At the Corn Farm The Best Birthday Family Fun Day</i></p>
Level 1	Fractions and decimals	VCMNA091	Recognise and describe one-half as one of two equal parts of a whole	<p>Early Fractional Thinking:</p> <p>1 Equal Parts 1 2 Equal Parts 2</p>	<p><i>The Best Birthday</i></p>
Level 1	Money and financial mathematics	VCMNA092	Recognise, describe and order Australian coins according to their value	<p>Composing and Decomposing:</p> <p>5 Money Amounts</p> <p>Financial Literacy:</p> <p>1 Class Shop 2 Values of Coins 4 Estimating Money</p>	<p><i>The Money Jar</i></p>

Year	Sub-strand	Code	Description	Mathology Activities	Mathology Little Books
Level 2	Number and place value	VCMNA103	Investigate number sequences, initially those increasing and decreasing by twos, threes, fives and ten from any starting point, then moving to other sequences	Counting: 7 Consolidating Counting Skip-Counting: 5 Skip-Counting Flexibly 6 Skipping Backward Early Multiplicative Thinking: 4 Exploring Repeated Addition 5 Repeated Addition and Multiplication 6 Repeated Subtraction and Division	<i>Ways to Count</i>
Level 2	Number and place value	VCMNA104	Recognise, model, represent and order numbers to at least 1000		<i>Fantastic Journeys</i> <i>Finding Buster</i>
Level 2	Number and place value	VCMNA105	Group, partition and rearrange collections up to 1000 in hundreds, tens and ones to facilitate more efficient counting		<i>Finding Buster</i> <i>How Numbers Work</i>
Level 2	Number and place value	VCMNA106	Explore the connection between addition and subtraction	Conceptualizing Addition and Subtraction: 1 Exploring Properties 2 Solving Problems 1 4 Solving Problems 3 5 Solving Problems 4 6 Sharing Strategies	<i>A Class-full of Projects</i> <i>The Money Jar</i> <i>Gran's Damper</i>
Level 2	Number and place value	VCMNA107	Solve simple addition and subtraction problems using a range of efficient mental and written strategies	Operational Fluency: 11 Using Doubles 12 Fluency with 20 13 Addition and Subtraction Strategies 14 Multi-Digit Fluency Conceptualizing Addition and Subtraction: 1 Exploring Properties 2 Solving Problems 1 3 Solving Problems 2 4 Solving Problems 3 5 Solving Problems 4 6 Sharing Strategies Equality and Inequality: 6 Equal or Not Equal? 7 Exploring Number Sentences 8 Exploring Properties 9 Missing Numbers 10 Representing Equality and Inequality	<i>That's 10!</i> <i>A Class-full of Projects</i> <i>The Money Jar</i> <i>The Great Dog Sled Race</i> <i>Marbles, Alleys, Mibs, Guli!</i> <i>Array's Bakery</i>
Level 2	Number and place value	VCMNA108	Recognise and represent multiplication as repeated addition, groups and arrays	Early Multiplicative Thinking: 1 Grouping in 2s, 5s and 10s 3 Making Equal Groups 4 Exploring Repeated Addition 5 Repeated Addition and Multiplication	<i>The Money Jar</i> <i>Marbles, Alleys, Mibs, Guli!</i> <i>Array's Bakery</i> <i>Sports Camp</i>

	Year	Sub-strand	Code	Description	Mathology Activities	Mathology Little Books
NUMBER	Level 2	Number and place value	VCMNA109	Recognise and represent division as grouping into equal sets and solve simple problems using these representations	Composing and Decomposing: 6 Equal Groups 7 Equal Parts Early Multiplicative Thinking: 1 Grouping in 2s, 5s and 10s 2 Making Equal Shares 3 Making Equal Groups	<i>Marbles, Alleys, Mibs, Guli!</i> <i>Array's Bakery</i> <i>Sports Camp</i>
	Level 2	Fractions and decimals	VCMNA110	Recognise and interpret common uses of halves, quarters and eighths of shapes and collections	Early Fractional Thinking: 1 Equal Parts 1 2 Equal Parts 2 3 Comparing Fractions 1 4 Comparing Fractions 2 5 Regrouping Fractional Parts 6 Which Fraction is Bigger?	
	Level 2	Money and financial mathematics	VCMNA111	Count and order small collections of Australian coins and notes according to their value	Financial Literacy: 3 Counting Coin Collections 4 Estimating Money 5 Spending Money 6 Saving Regularly 7 Exchanging Money 8 Earning Money 9 Savings Plans	<i>The Money Jar</i>
PATTERNS AND ALGEBRA	Foundation	Patterns and algebra	VCMNA076	Sort and classify familiar objects and explain the basis for these classifications, and copy, continue and create patterns with objects and drawings	Repeating Patterns: 1 Extending Repeating Patterns 2 Repeating the Core Creating Patterns: 1 Extending Patterns 2 Translating Patterns 3 Errors and Missing Parts 4 Creating Repeating Patterns Equality and Inequality: 1 Exploring Sets	<i>A Lot of Noise</i> <i>Hedge and Hog</i>
	Foundation	Patterns and algebra	VCMNA077	Follow a short sequence of instructions		<i>Zoom In, Zoom Out</i> <i>The New Nest</i>
	Level 1	Patterns and algebra	VCMNA093	Investigate and describe number patterns formed by skip counting and patterns with objects	Repeating Patterns: 3 Representing Patterns 4 Predicting Elements 5 Finding Patterns 6 Exploring Patterns 7 Extending and Predicting 8 Combining Attributes 9 Reviewing Repeating Patterns Creating Patterns: 1 Extending Patterns 2 Translating Patterns 3 Errors and Missing Parts 4 Creating Repeating Patterns	Increasing/Decreasing Patterns: 1 Increasing Patterns 1 2 Increasing Patterns 2 3 Decreasing Patterns 4 Reproducing Patterns <i>Midnight and Snowfall</i> <i>The Best Surprise</i> <i>How Numbers Work</i>

Year	Sub-strand	Code	Description	Mathology Activities	Mathology Little Books
Level 1	Patterns and algebra	VCMNA094	Recognise the importance of repetition of a process in solving problems	Repeating Patterns: 4 Predicting Elements 10 Errors and Missing Elements Creating Patterns: 4 Creating Repeating Patterns Increasing/Decreasing Patterns: 2 Increasing Patterns 2 3 Decreasing Patterns	
Level 2	Patterns and algebra	VCMNA112	Describe patterns with numbers and identify missing elements	Counting: 7 Consolidating Counting Skip-Counting: 5 Skip-Counting Flexibly 6 Skipping Backward Number Relationships 1: 6 Odd and Even Numbers 7 Number Relationships Review Repeating Patterns: 9 Repeating Patterns 10 Errors and Missing Elements Increasing/Decreasing Patterns: 1 Increasing Patterns 1 2 Increasing Patterns 2 3 Decreasing Patterns 4 Reproducing Patterns 5 Extending Patterns 6 Creating Patterns 7 Errors and Missing Terms 8 Reviewing Patterns	<i>The Best Surprise</i>
Level 2	Patterns and algebra	VCMNA113	Solve problems by using number sentences for addition or subtraction	Increasing/Decreasing Patterns: 8 Reviewing Patterns Equality and Inequality: 2 Making Equal Sets 3 Using Symbols 4 Expressing Equality 5 Equal and Unequal Sets 6 Equal or Not Equal? 7 Exploring Number Sentences 8 Exploring Properties 9 Missing Numbers 10 Expressing Equality and Inequality	<i>A Class-full of Projects</i> <i>The Money Jar</i> <i>The Great Dog Sled Race</i> <i>Marbles, Alleys, Mibs, Guli!</i> <i>Array's Bakery</i>
Level 2	Patterns and algebra	VCMNA114	Apply repetition in arithmetic operations, including multiplication as repeated addition and division as repeated subtraction	Early Multiplicative Thinking: 5 Repeated Addition and Multiplication 6 Repeated Subtraction and Division Increasing/Decreasing Patterns: 3 Decreasing Patterns	<i>The Money Jar</i> <i>Marbles, Alleys, Mibs, Guli!</i>

NSW Syllabus

Pearson Mathology

Year	Sub-strand	Code	Outcome	Description	Activities	Mathology Little Books
Early Stage 1	Whole Numbers	MAe-4NA	Counts to 30, and orders, reads and represents numbers in the range 0 to 20.	Establish understanding of the language and processes of counting by naming numbers in sequences, initially to and from 20, moving from any starting point (ACMNA001)	Counting: 1 Counting to 20 2 Counting On and Back 3 Ordinal Numbers 1 Spatial Reasoning: 2 Estimating Small Sets 4 Estimating Quantities Comparing and Ordering: 1 Comparing Sets Concretely 2 Comparing Sets Pictorially Composing and Decomposing: 4 Composing and Decomposing to 20 Number Relationships 1: 1 Ordinal Numbers 2	<i>A Warm Cozy Nest</i> <i>Dan's Doggy Daycare</i> <i>Lots of Dots!</i> <i>Lets Play Waltes!</i> <i>On Safari!</i>
Early Stage 1	Whole Numbers	MAe-4NA	Counts to 30, and orders, reads and represents numbers in the range 0 to 20.	Connect number names, numerals and quantities, including zero, initially up to 10 and then beyond (ACMNA002)	Spatial Reasoning: 2 Estimating Small Sets 4 Estimating Quantities Counting: 1 Counting to 20 2 Counting On and Back Composing and Decomposing: 1 Decomposing 10	<i>A Warm Cozy Nest</i> <i>On Safari!</i>
Early Stage 1	Whole Numbers	MAe-4NA	Counts to 30, and orders, reads and represents numbers in the range 0 to 20.	Subitise small collections of objects (ACMNA003)	Spatial Reasoning: 1 Subitizing to 5 3 Subitizing to 10	<i>Lots of Dots!</i> <i>Acorns for Wilaiya</i> <i>Spot Check!</i>
Early Stage 1	Whole Numbers	MAe-4NA	Counts to 30, and orders, reads and represents numbers in the range 0 to 20.	Compare, order and make correspondences between collections, initially to 20, and explain reasoning (ACMNA289)	Spatial Reasoning: 2 Estimating Small Sets 4 Estimating Quantities Comparing and Ordering: 1 Comparing Sets Concretely 2 Comparing Sets Pictorially Composing and Decomposing: 2 Numbers to 10 4 Composing and Decomposing to 20 Number Relationships 1: 2 Comparing Quantities	<i>Dan's Doggy Daycare</i> <i>Lots of Dots!</i> <i>Acorns for Wilaiya</i> <i>Animals Hide</i> <i>Spot Check!</i> <i>Time for Games</i> <i>Lets Play Waltes!</i> <i>Paddling the River</i>
Early Stage 1	Whole Numbers	MAe-4NA	Counts to 30, and orders, reads and represents numbers in the range 0 to 20.	Use the language of money	Financial Literacy: 1 Class Shop	

Year	Sub-strand	Code	Outcome	Description	Activities	Mathology Little Books
Early Stage 1	Addition and Subtraction	MAe-5NA	Combines, separates and compares collections of objects, describes using everyday language, and records using informal methods.	Represent practical situations to model addition and sharing (ACMNA004)	Counting: 1 Counting to 20 Composing and Decomposing: 1 Decomposing 10 2 Numbers to 10 7 Numbers to 20 4 Composing and Decomposing to 20 Operational Fluency: 1 Investigating Addition 2 Adding to 20 3 Complements of 10	<i>Dan's Doggy Daycare</i> <i>Lots of Dots!</i> <i>Acorns for Wilaiya</i> <i>Animals Hide</i> <i>Time for Games</i> <i>Let's Play Waltes!</i> <i>On Safari!</i> <i>Paddling the River</i>
Early Stage 1	Multiplication and Division	MAe-6NA	Groups, shares and counts collections of objects, describes using everyday language, and records using informal methods.	Investigate and model equal groups	Composing and Decomposing: 6 Equal Groups	<i>At the Corn Farm</i>
Early Stage 1	Multiplication and Division	MAe-6NA	Groups, shares and counts collections of objects, describes using everyday language, and records using informal methods.	Record grouping and sharing using informal methods		<i>The Best Birthday</i>
Early Stage 1	Fractions and Decimals	MAe-7NA	Establish the concept of one-half	Establish the concept of one-half	Early Fractional Thinking: 1 Equal Parts 1	
Stage 1	Whole Numbers 1	MA1-4NA	Applies place value, informally, to count, order, read and represent two- and three-digit numbers.	Develop confidence with number sequences to 100 by ones from any starting point (ACMNA012)	Counting: 4 Counting to 50 6 Bridging Tens Comparing and Ordering: 3 Comparing Numbers to 50 4 Comparing and Ordering Strategies Operational Fluency: 4 More or Less Grouping and Place Value: 2 Making a Number Line	<i>How Many Is Too Many?</i> <i>At the Corn Farm</i>

Year	Sub-strand	Code	Outcome	Description	Activities	Mathology Little Books
Stage 1	Whole Numbers 1	MA1-4NA	Applies place value, informally, to count, order, read and represent two- and three-digit numbers.	Count collections to 100 by partitioning numbers using place value (ACMNA014)	<p>Early Place Value:</p> <ol style="list-style-type: none"> 1 Tens and Ones 2 Building and Naming Numbers 3 Different Representations 4 Place Value <p>Grouping and Place Value:</p> <ol style="list-style-type: none"> 1 Building Numbers 3 Grouping to Count 4 Grouping and Place Value Review <p>Number Relationships 2:</p> <ol style="list-style-type: none"> 2 Decomposing 50 3 Jumping on the Number Line 4 Who Am I? 	<p><i>Hockey Time!</i> <i>Ways to Count</i> <i>What Would You Rather?</i> <i>Family Fun Day</i> <i>The Money Jar</i> <i>The Great Dog Sled Race</i></p>
Stage 1	Whole Numbers 1	MA1-4NA	Applies place value, informally, to count, order, read and represent two- and three-digit numbers.	Recognise, model, read, write and order numbers to at least 100; locate these numbers on a number line (ACMNA013)	<p>Counting:</p> <ol style="list-style-type: none"> 4 Counting to 50 5 Counting to and from 50 6 Bridging Tens <p>Comparing and Ordering:</p> <ol style="list-style-type: none"> 3 Comparing Numbers to 50 4 Comparing and Ordering Strategies <p>Skip-Counting:</p> <ol style="list-style-type: none"> 1 Skip-Counting Forward 2 Skip Counting with Leftovers 3 Skip-Counting Backward 4 Using Skip-Counting <p>Composing and Decomposing:</p> <ol style="list-style-type: none"> 4 Composing and Decomposing to 20 5 Money Amounts <p>Early Place Value:</p> <ol style="list-style-type: none"> 1 Tens and Ones 2 Building and Naming Numbers 3 Different Representations 4 Place Value <p>Financial Literacy:</p> <ol style="list-style-type: none"> 6 Saving Regularly <p>Number Relationships 1:</p> <ol style="list-style-type: none"> 2 Comparing Quantities 4 Ordering Quantities 5 Estimating with Benchmarks 7 Number Relationships Review <p>Grouping and Place Value:</p> <ol style="list-style-type: none"> 1 Building Numbers 2 Making a Number Line 4 Grouping and Place Value Review <p>Number Relationships 2:</p> <ol style="list-style-type: none"> 1 Benchmarks on a Number Line 2 Decomposing 50 3 Jumping on the Number Line 4 Who Am I? 	<p><i>How Many is Too Many?</i> <i>The Great Dog Sled Race</i></p>

Year	Sub-strand	Code	Outcome	Description	Activities	Mathology Little Books
Stage 1	Whole Numbers 1	MA1-4NA	Applies place value, informally, to count, order, read and represent two- and three-digit numbers.	Count and order small collections of Australian coins and notes according to their value (ACMNA017)	Composing and Decomposing: 5 Money Amounts Financial Literacy: 1 Class Shop 2 Values of Coins 3 Counting Coin Collections 4 Estimating Money	<i>The Money Jar</i>
Stage 1	Whole Numbers 2	MA1-4NA	Applies place value, informally, to count, order, read and represent two- and three-digit numbers.	Develop confidence with number sequences to 100 by ones from any starting point (ACMNA012)	Grouping and Place Value: 2 Making a Number Line	<i>The Great Dog Sled Race</i>
Stage 1	Whole Numbers 2	MA1-4NA	Applies place value, informally, to count, order, read and represent two- and three-digit numbers.	Recognise, model, represent and order numbers to at least 1000 (ACMNA027)		<i>Fantastic Journeys</i>
Stage 1	Whole Numbers 2	MA1-4NA	Applies place value, informally, to count, order, read and represent two- and three-digit numbers.	Investigate number sequences, initially those increasing and decreasing by twos, threes, fives and tens from any starting point, then moving to other sequences (ACMNA026)	Counting: 7 Consolidating Counting Skip-Counting: 5 Skip-Counting Flexibly 6 Skipping Backward Early Multiplicative Thinking: 4 Exploring Repeated Addition 5 Repeated Addition and Multiplication 6 Repeated Subtraction and Division	<i>Ways to Count</i>
Stage 1	Whole Numbers 2	MA1-4NA	Applies place value, informally, to count, order, read and represent two- and three-digit numbers.	Group, partition and rearrange collections of up to 1000 in hundreds, tens and ones to facilitate more efficient counting (ACMNA028)		<i>Finding Buster</i> <i>How Numbers Work</i>
Stage 1	Whole Numbers 2	MA1-4NA	Applies place value, informally, to count, order, read and represent two- and three-digit numbers.	Count and order small collections of Australian coins and notes according to their value (ACMNA034)	Financial Literacy: 3 Counting Coin Collections 4 Estimating Money 5 Spending Money 6 Saving Regularly 7 Exchanging Money 8 Earning Money 9 Savings Plans	<i>The Money Jar</i>

NUMBER	Year	Sub-strand	Code	Outcome	Description	Activities	Mathology Little Books
	Stage 1	Addition and Subtraction 1	MA1-5NA	Uses a range of strategies and informal recording methods for addition and subtraction involving one- and two-digit numbers.	Represent and solve simple addition and subtraction problems using a range of strategies including counting on, partitioning and rearranging parts (ACMNA015)	<p>Counting:</p> <ul style="list-style-type: none"> 4 Counting to 50 5 Counting To and From 50 <p>Composing and Decomposing:</p> <ul style="list-style-type: none"> 3 Numbers to 20 <p>Early Place Value:</p> <ul style="list-style-type: none"> 2 Building and Naming Numbers <p>Operational Fluency:</p> <ul style="list-style-type: none"> 2 Adding to 20 3 Complements of 10 4 More or Less 5 Subtracting to 20 6 The Number Line 7 Doubles 8 Part-Part-Whole 9 Solving Story Problems 10 Write Your Own Story Problems 11 Using Doubles 12 Fluency with 20 13 Addition and Subtraction Strategies <p>Financial Literacy:</p> <ul style="list-style-type: none"> 1 Class Shop 5 Spending Money 6 Saving Regularly 7 Exchanging Money <p>Number Relationships 1:</p> <ul style="list-style-type: none"> 3 Decomposing to 20 7 Number Relationships Review <p>Number Relationships 2:</p> <ul style="list-style-type: none"> 2 Decomposing 50 <p>Conceptualizing Addition and Subtraction:</p> <ul style="list-style-type: none"> 1 Exploring Properties <p>Equality and Inequality (P&A):</p> <ul style="list-style-type: none"> 2 Making Equal Sets 3 Using Symbols 4 Expressing Equality 	<p><i>Cats and Kittens!</i> <i>That's 10!</i> <i>Buy 1 - Get 1</i> <i>Hockey Time!</i> <i>Nutty and Wolfy</i> <i>Family Fun Day</i> <i>Gran's Damper</i></p>
	Stage 1	Addition and Subtraction 2	MA1-5NA	Uses a range of strategies and informal recording methods for addition and subtraction involving one- and two-digit numbers.	Explore the connection between addition and subtraction (ACMNA029)	<p>Conceptualizing Addition and Subtraction:</p> <ul style="list-style-type: none"> 1 Exploring Properties 2 Solving Problems 1 4 Solving Problems 3 5 Solving Problems 4 6 Sharing Strategies 	<p><i>Gran's Damper</i></p>

NUMBER	Year	Sub-strand	Code	Outcome	Description	Activities	Mathology Little Books
	Stage 1	Addition and Subtraction 2	MA1-5NA	Uses a range of strategies and informal recording methods for addition and subtraction involving one- and two-digit numbers.	Solve simple addition and subtraction problems using a range of efficient mental and written strategies (ACMNA030)	Operational Fluency: 11 Using Doubles 12 Fluency with 20 13 Addition and Subtraction Strategies 14 Multi-Digit Fluency Conceptualizing Addition and Subtraction: 1 Exploring Properties 2 Solving Problems 1 3 Solving Problems 2 4 Solving Problems 3 5 Solving Problems 4 6 Sharing Strategies Equality and Inequality: 6 Equal or Not Equal? 7 Exploring Number Sentences 8 Exploring Properties 9 Missing Numbers 10 Representing Equality and Inequality	<i>A Class-full of Projects</i> <i>The Money Jar</i> <i>The Great Dog Sled Race</i> <i>Marbles, Alleys, Mibs, Guli!</i> <i>Array's Bakery</i>
	Stage 1	Multiplication and Division 1	MA1-6NA	Uses a range of mental strategies and concrete materials for multiplication and division.	Skip count by twos, fives and tens starting from zero (ACMNA012)	Skip-Counting: 1 Skip-Counting Forward 2 Skip-Counting with Leftovers 3 Skip-Counting Backward 4 Using Skip-Counting Financial Literacy: 3 Counting Coin Collections	<i>How Many is Too Many?</i> <i>Ways to Count</i> <i>What Would You Rather?</i>
	Stage 1	Multiplication and Division 1	MA1-6NA	Uses a range of mental strategies and concrete materials for multiplication and division.	Model and use equal groups of objects as a strategy for multiplication	Skip-Counting: 1 Skip-counting Forward 2 Skip-counting with Leftovers 4 Using Skip-Counting Early Multiplicative Thinking: 1 Grouping in 2s, 5s and 10s 3 Making Equal Groups	<i>At the Corn Farm</i>
	Stage 1	Multiplication and Division 1	MA1-6NA	Uses a range of mental strategies and concrete materials for multiplication and division.	Recognise and represent division as grouping into equal sets (ACMNA032)	Composing and Decomposing: 6 Equal Groups Early Multiplicative Thinking: 1 Grouping in 2s, 5s and 10s	<i>Marbles, Alleys, Mibs, Guli!</i> <i>Array's Bakery</i> <i>Sports Camp</i>
	Stage 1	Multiplication and Division 2	MA1-6NA	Uses a range of mental strategies and concrete materials for multiplication and division.	Recognise and represent multiplication as repeated addition, groups and arrays (ACMNA031)	Early Multiplicative Thinking: 4 Exploring Repeated Addition 5 Repeated Addition and Multiplication	<i>Sports Camp</i>

	Year	Sub-strand	Code	Outcome	Description	Activities	Mathology Little Books
NUMBER	Stage 1	Multiplication and Division 2	MA1-6NA	Uses a range of mental strategies and concrete materials for multiplication and division.	Represent division as grouping into equal sets and solve simple problems using these representations (ACMNA032)	Early Multiplicative Thinking: 2 Making Equal Shares 3 Making Equal Groups 6 Repeated Subtraction and Division	<i>Marbles, Alleys, Mibs, Guli!</i> <i>Array's Bakery</i> <i>Sports Camp</i>
	Stage 1	Fractions and Decimals 1	MA1-7NA	Represents and models halves, quarters and eighths	Recognise and describe one-half as one of two equal parts of a whole (ACMNA016)	Early Fractional Thinking: 1 Equal Parts 1 2 Equal Parts 2	<i>The Best Birthday</i>
	Stage 1	Fractions and Decimals 1	MA1-7NA	Represents and models halves, quarters and eighths	Recognise and interpret common uses of halves, quarters and eighths of shapes and collections (ACMNA033)	Early Fractional Thinking: 1 Equal Parts 1 2 Equal Parts 2 3 Comparing Fractions 1 4 Comparing Fractions 2 5 Regrouping Fractional Parts 6 Which Fraction is Bigger?	
PATTERNS AND ALGEBRA	Early Stage 1	Patterns and Algebra	MAe-8NA	Recognises, describes and continues repeating patterns.	Sort and classify familiar objects and explain the basis for these classifications (ACMNA005)	Geometry: 2-D Shapes 1 Sorting Shapes	<i>Hedge and Hog</i>
	Early Stage 1	Patterns and Algebra	MAe-8NA	Recognises, describes and continues repeating patterns.	Copy, continue and create patterns with objects and drawings (ACMNA005)	Repeating Patterns: 1 Extending Repeating Patterns 2 Repeating the Core Creating Patterns: 1 Extending Patterns 2 Translating Patterns 3 Errors and Missing Parts 4 Creating Repeating Patterns	<i>A Lot of Noise</i> <i>Midnight and Snowfall</i>
	Stage 1	Patterns and Algebra 1	MA1-8NA	Creates, represents and continues a variety of patterns with numbers and objects.	Investigate and describe number patterns formed by skip counting and patterns with objects (ACMNA018)	Repeating Patterns: 3 Representing Patterns 4 Predicting Elements 5 Finding Patterns 6 Exploring Patterns 7 Extending and Predicting 8 Combining Attributes 9 Reviewing Repeating Patterns Creating Patterns: 1 Extending Patterns 2 Translating Patterns 3 Errors and Missing Parts 4 Creating Repeating Patterns Increasing/Decreasing Patterns: 1 Increasing Patterns 1 2 Increasing Patterns 2 3 Decreasing Patterns 4 Reproducing Patterns	<i>Midnight and Snowfall</i> <i>Ways to Count</i> <i>What Would You Rather?</i> <i>Family Fun Day</i> <i>The Best Surprise</i> <i>How Numbers Work</i>

PATTERNS AND ALGEBRA	Year	Sub-strand	Code	Outcome	Description	Activities	Mathology Little Books
	Stage 1	Patterns and Algebra 2	MA1-8NA	Creates, represents and continues a variety of patterns with numbers and objects.	Describe patterns with numbers and identify missing elements (ACMNA035)	Counting: 7 Consolidating Counting Skip-Counting: 5 Skip-Counting Flexibly 6 Skipping Backward Number Relationships 1: 6 Odd and Even Numbers 7 Number Relationships Review Repeating Patterns: 9 Repeating Patterns 10 Errors and Missing Elements Increasing/Decreasing Patterns: 1 Increasing Patterns 1 2 Increasing Patterns 2 3 Decreasing Patterns 4 Reproducing Patterns 5 Extending Patterns 6 Creating Patterns 7 Errors and Missing Terms 8 Reviewing Patterns	<i>The Best Surprise</i>
	Stage 1	Patterns and Algebra 2	MA1-8NA	Creates, represents and continues a variety of patterns with numbers and objects.	Solve problems by using number sentences for addition or subtraction (ACMNA036)	Increasing/Decreasing Patterns: 8 Reviewing Problems Equality and Inequality: 2 Making Equal Sets 3 Using Symbols 4 Expressing Equality 5 Equal and Unequal Sets 6 Equal or Not Equal? 7 Exploring Number Sentences 8 Exploring Properties 9 Missing Numbers 10 Expressing Equality and Inequality	<i>A Class-full of Projects</i> <i>The Money Jar</i> <i>The Great Dog Sled Race</i> <i>Marbles, Alleys, Mibs, Guli!</i> <i>Array's Bakery</i>