



Overview

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14
Autumn	Getting to Know You			Just Like Me!			It's Me 1 2 3!			Light and Dark			Consolidation	
Spring	Alive in 5!			Growing 6, 7, 8			Building 9 and 10			Consolidation				
Summer	To 20 and Beyond			First Then Now			Find My Pattern			On The Move				

Autumn



Week 1	Week 2	Week 3		Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
<p>Getting to Know You</p> <p>Opportunities for settling in, introducing the areas of provision and getting to know the children.</p> <p>Key times of day, class routines. Exploring the continuous provision inside and out. Where do things belong? Positional language.</p>			Phase	Just Like Me!			It's Me 1 2 3!			Light and Dark		
			Number	Match and Sort Compare Amounts			Representing 1, 2 & 3 Comparing 1, 2 & 3 Composition of 1, 2 & 3			Representing Numbers to 5. One More and Less.		
			Measure, Shape and Spatial Thinking	Compare Size, Mass & Capacity Exploring Pattern			Circles and Triangles Positional Language			Shapes with 4 Sides. Time		

Maths White Rose planning – 3 week plan per phase - Autumn Term
Getting to know you - Baseline

	<u>Week 1</u> Baseline assessment	<u>Week 2</u> Baseline assessment	<u>Week 3</u> Baseline assessment
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Maths White Rose planning – 3 week plan per phase - Autumn Term
Phase 1 - Just Like me

	<u>Week 1</u> Matching and Sorting	<u>Week 2</u> Comparing size, mass, amounts, capacity	<u>Week 3</u> Exploring patterns
1	Matching Buttons 'The Button Box'	Comparing size – little, small and big, large	Patterns – natural objects Repeating pattern a b a b
2	Matching Socks	Comparing quantities – more, fewer, full empty	Patterns – household objects Repeating pattern a b a b
3	Matching buttons with outlines	Comparing height – taller, shorter, tallest, shortest	Patterns – Colours/shape Repeating pattern a b a b
4	Sorting Buttons	Comparing length – longer and sorter	Patterns – Fruit – errors Repeating pattern a b a b
5	Sorting Natural objects	Comparing size – all vocab	Patterns – Going on a bear hunt. consolidate

Phase 2 – It's me 1,2,3

	<u>Week 1</u> Representing 1,2,3	<u>Week 2</u> Composition of 1,2,3 Comparing 1,2,3	<u>Week 3</u> Circles and triangles Positional Language
1	'Anno's counting book' Representing 1	Sorting 1,2,3 Comparing – Who's got more?	Mr Rush – triangle, Mr Happy – Circle - sorting
2	'Anno's counting book' Representing 2	Sorting 1,2,3 Matching 1,2,3	Kandinsky, Circle and triangle pictures
3	'Anno's counting book' Representing 3	Subitise 1,2,3 Matching 1,2,3 pic/numeral	Going on a shape hunt
4	Representing 1,2,3 Sorting 1,2,3 into groups	5 frame – count, represent and add 1,2,3 (buckets)	Positional language Where's the monkey?
5	Representing 1,2,3 Sorting/Matching 1,2,3	Towers – 1 more Hoop - Composition of 3	Positional language Rosie's walk

Light and Dark

	<u>Week 1</u> Representing numbers to 5	<u>Week 2</u> Composition of 4,5	<u>Week 3</u> Shapes with 4 sides/Time
1	(4) Pete the cat and his 4 groovy Buttons – 5 frame	Ways to make 4,5 Counters/5 frame	Subitise to 5 Rectangles, Squares/sorting
2	(5) Kipper's Birthday 5 frame	Ways to make 4,5 Cube shapes	Subitise to 5 4 sided shape hunt
3	Counting to 4/5 5 frame/sorting 4,5	1 elephant came out to play 1 more/counting to 5	Subitise to 5 Shape pictures
4	Representing 4	5 green bottles	Subitise to 5

	Composition of 4	1 less	Peace at last – Day/Night
5	Representing and composition of 5 - Frogs	1 more/1 less Hiding in a bucket	Subitise to 5 Time - First, next, last

Winter - Activity Week	
1	Do you want to build a snowman? – numbers 1-5 Snowmen – Where can you see 1-5? Snowmen buttons – composition of 5
2	Snowflakes, snowflakes all around – matching 1-5 Subitise snowflakes to 5 Matching pairs – 1-5
3	Wrap up warm – sorting into categories Sorting summer/winter clothes
4	Dashing through the Snow – Positional language/Time Journey map of teddies walk – First, then, next, last
5	Special Delivery – Matching numeral to amounts Posting letters to the correct number

Spring



	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9
Phase	Alive in 5!			Growing 6, 7, 8			Building 9 & 10		
Number	Introducing zero Comparing numbers to 5 Composition of 4 & 5			6, 7 & 8 Combining 2 amounts Making pairs			Counting to 9 & 10 Comparing numbers to 10 Bonds to 10		
Measure, Shape and Spatial Thinking	Compare Mass (2) Compare Capacity (2)			Length & Height Time			3d-shapes Spatial Awareness Patterns		

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Maths White Rose planning – 3 week plan per phase – Spring Term

Phase 4 - Alive in 5			
	<u>Week 1</u>	<u>Week 2</u>	<u>Week 3</u>
	Introducing 0 Comparison to 5	Comparison to 5 Composition to 5	Comparing mass (2) Compare capacity
1	Subitise/composition to 5 One less – 5 Currant Buns	Subitise to 5. Composition of nos to 5 (2 groups)	Odd one out. Comparing mass – heavier and light than
2	Subitise/composition to 5 How many? Representing 0	Subitise to 5/composition How many altogether?	Odd one out Full and empty
3	Subitise/composition to 5 Composition of numbers to 5	Subitise to 5. Composition of nos to 5 (3 groups)	Find the number Measuring capacity

4	Subitise/composition to 5 Comparing numbers to 5	Subitise to 5/Composition How many are hiding?	Find the number. Capacity – How many fit inside?
5	Subitise/composition to 5 Equal and unequal groups	Subitise/Composition How many are hiding?	Find the number Measuring ingredients

Phase 5 – Growing 6,7,8			
	<u>Week 1</u> 6,7,8	<u>Week 2</u> Making pairs Combining 2 groups	<u>Week 3</u> Length and Height Time
1	Dice subitise. Which shows 6? Composition of 6	10 Frame - subitise Matching 6,7,8	Pic Cards – same/diff Comparing Height – Taller and Shorter
2	Sorting 6,7,8 Composition of 7	10 frame - subitise Making Pairs	Pic cards – same/diff Comparing length – Longer and Shorter
3	Dice odd one out Composition of 8	10 frame subitise Combining 2 groups	Pic cards – same/diff Days of the week
4	Dominoe subitise Matching 6,7,8	10 frame subitise Combining 2 groups	Pic cards – same/diff Measuring Height
5	1 More and less Kipper's Toybox	10 frame subitise Adding more	Pic cards – same/diff Measuring Time

Phase 6 – Building 9 and 10			
	<u>Week 1</u> 9 and 10	<u>Week 2</u> Comparing numbers to 10 Bonds to 10	<u>Week 3</u> 3D shapes Pattern
1	Show 9 and 10 on fingers Representing/sorting 9,10	No line to 10 – spot mistake Counting back from 10 – 10 in a bed	How many more to make 10 – fingers Building with 3D shapes
2	10 frame subitise to 10 Representing/sorting 9,10	No line to 10 – spot mistake Comparing numbers within 10	10 frame – Bonds to 10 Matching 3D shapes
3	10 frame subitise to 10 Ordering numerals to 10	No line to 10 – spot mistake Comparing numbers within 10	Numicon – Bonds to 10 Printing with 3D shapes
4	10 frame subitise to 10 10 Black dots - Composition of 9 and 10	No line to 10 – spot mistake Making 10	10 frame - Bonds to 10 Pattern – Pattern Fish
5	10 frame subitise to 10 Numbers to 10 Bingo	No line to 10 – spot mistake Making 10	Numicon – Bonds to 10 Pattern - Movement

Spring Consolidation			
	<u>Week 1</u>	<u>Week 2</u>	<u>Week 3</u>
	Composition Subitising Comparison Counting on and Back Matching Numeral Recognition Ordering		
1	Domino odd one out. Hopscotch No recognition	Combining 2 dice Who has more - compare	Count on/back from diff nos Trellis track game
2	Domino odd one out. Snap with no and pic cards	Combining 2 groups Combining 2 groups	Count on/back from diff nos Composition of 10
3	Domino odd one out.	Combining 2 groups	I count you count-1 no

	10 frame fill game	Treasure hunt to 10	Composition of 9
4	Domino odd one out. Bbag throw. Composition of 6	Combining 2 groups Composition of 8	I count you count-2 nos What do you notice?
5	Domino odd one out. Composition of 6	Combining 2 groups Composition of 7	I count you count-3 nos Estimation

Summer



	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Phase	To 20 and Beyond			First Then Now			Find my Pattern			On the Move		
Number	Building Numbers Beyond 10 Counting Patterns Beyond 10			Adding More Taking Away			Doubling Sharing & Grouping Even & Odd			Deepening Understanding Patterns and Relationships		
Spatial Thinking	Spatial Reasoning (1) Match, Rotate, Manipulate			Spatial Reasoning (2) Compose and Decompose			Spatial Reasoning (3) Visualise and Build			Spatial Reasoning (4) Mapping		

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Go to 5

Maths White Rose planning – 3 week plan per phase – Summer Term

Phase 7 – To 20 and Beyond			
	<u>Week 1</u>	<u>Week 2</u>	<u>Week 3</u>
	Building Numbers beyond 10	Counting patterns beyond 10	Spatial Reasoning
1	No bonds to 5 – frogs Number Patterns to 20	I count you count 11-20 2 nos Missing Numbers	I count you count 11-30 1 no Find my match with shapes
2	No bonds to 5 – chicks Matching picture to numeral	I count you count 11-20 2 nos Ordering numbers to 20	I count you count 11-30 2 nos Find my match with models
3	No bonds to 5 – cherries 10 Frame fill beyond 10	11-20 Spot the mistake Race to 20 game	I count you count 11-30 3 nos Match and fill
4	X-ray vision no line to 10 Estimating Game	11-20 Spot the mistake Bingo with numbers to 20	I count you count 21-40 1 no Replicate my model
5	X-ray vision no line to 10 10 frame subtraction game	11-20 Spot the mistake Which holds most?	I count you count 21-40 2 nos Tangrams

Phase 8 – First, Then, Now			
	<u>Week 1</u> Adding More	<u>Week 2</u> Taking Away	<u>Week 3</u> Spatial Reasoning
1	Putting 3 numbers in order Track game – Counting on	Put 3 pic cards in order Taking away with pebbles	Numbers bonds to 5 Making new shapes with 2 right angle triangles
2	Putting 3 numbers in order Adding more (1)	Put 3 pic cards in order Taking Away Kipper’s Toybox	Numbers bonds to 5 Making new shapes with Squares
3	Putting 3 numbers in order Adding more (2)	Put 3 pic cards in order Taking Away – Green Bottles	Number Bonds to 5 Grandpa’s Quilt
4	Putting 3 numbers in order Adding more – Unknown then	Put 3 pic cards in order Taking Away – Unknown then	Composition 4,6 Making new shapes with Tangrams
5	Putting 3 numbers in order Adding more – First Unknown	Put 3 pic cards in order Pass it on game	Match outline/shape Pattern Blocks

Phase 9 – Find my Pattern			
	<u>Week 1</u> Doubling	<u>Week 2</u> Sharing and Grouping	<u>Week 3</u> Even and Odd Spatial Reasoning
1	Match no to pic bingo Doubling	Dots-What can you see? Sharing	Grouping within 12
2	Match no to added dice pic Doubling (2)	Dots-What can you see? Teddy Bear picnic	Evens and odds
3	Match no to domino pic Doubling dice game	Dots-What can you see? The Doorbell rang	Copying an arrangement of shapes – 3d
4	Spot change on 11-20 no line Doubling barrier game	Counter arrangements Grouping	Copying a pattern of 2d shapes
5	Spot change on 11-20 no line Domino game	Counter arrangements Grouping (2)	Making 3d models using blocks and counting the blocks required

Phase 10 – On the Move			
	<u>Week 1</u>	<u>Week 2</u>	<u>Week 3</u>
1	Predict if there are more or fewer	Ordering Cuisenaire rods in height order	Maps and directional instructions
2	Problem solving combinations to make 6 or ten legs	Bean bag game – additions of scores of one, two and three	Maps with positional and directional instructions
3	How many legs? Combinations of animals up to twelve	Making patterns with ABBC, ABBC repeat	Making a treasure map – instructions to navigate
4	How many marbles to sink a boat – adding up to ten	Patterns that repeat around the edge of a circle	Designing a maze using 2d shape
5	Cuisenaire rods – combinations within ten	Maps and positional language	Designing a maze and using directional instructions