

For our Maths curriculum, we follow the White Rose Scheme of work for Reception to year 6. The overviews below show you the order in which we teach the units, although occasionally teachers will make some adaptations to what is suggested in order to support their professional judgement about the needs of the pupils in their class.

In Nursery, we follow the Southwark plans which set out what we teach on a weekly basis. This is also open to adaptations if needed and they are also shown below.

Nursery

Autumn 1		
Week 1		Settling and Baseline
Week 2		Settling and Baseline
Week 3		Settling and Baseline
Week 4	Pattern	Provide a range of natural and everyday objects and materials, as well as blocks and shapes, for children to play with freely and to make patterns with.
Week 5	Shape and Space	Encourage children to play freely with blocks, shapes, shape puzzles and shape-sorters.
Week 6	Measures	Explore bigger and smaller

Autumn 2		
Week 1	Counting and cardinality	Use number names and number language in play and show a fascination for larger numbers
Week 2	Comparison	Sort different objects into groups
Week 3	Composition	Things within things: give the children time to explore things of decreasing size that are placed in each other (objects within similar objects), for example, Russian nesting dolls, stacking cups, nesting boxes. This will lay the foundations for understanding how numbers are made up of other numbers.
Week 4	Pattern	Provide a range of natural and everyday objects and materials, as well as blocks and shapes, for children to play with freely and to make patterns with Introduce children to simple ABAB repeating patterns – stick, leaf, stick, leaf
Week 5	Shape and Space	Encourage children to play freely with blocks, shapes, shape puzzles and shape-sorters.
Week 6	Measures	Explore longer and shorter



Spring 1		
Week 1	Counting and cardinality	Develop fast recognition of up to 3 objects, without having to count them individually Count up to 5 objects, recognising that the last number said is how many there are Use number names and number language in play and show a fascination for larger numbers
Week 2	Comparison	Sort different objects into groups Compare quantities using language, 'more than', 'fewer than'
Week 3	Composition	Through play and exploration, begin to learn that numbers are made up (composed) of smaller numbers
Week 4	Pattern	Talk about and identify the patterns around them. For example: stripes on clothes, designs on rugs and wallpaper. Use informal language like 'pointy', 'spotty', 'blobs' etc Create own patterns showing some organisation and regularity
Week 5	Shape and Space	Choose items based on their shape which are appropriate for the child's purpose Show awareness of shape similarities and differences between objects Understand position through words alone – for example, "The bag is under the table," with no pointing
Week 6	Measures	Explore empty and full

Spring 2

Week 1	Counting and cardinality	Subitise one, two and three objects without counting Begin to link numerals to amounts up to 5 Say one number for each item in order, 1,2,3,4,5 Count objects of different sizes
Week 2	Comparison	Sort different objects into groups Compare two small groups of up to five objects, saying when there are the same number of objects in each group Use language, 'more than', 'less than'
Week 3	Composition	Begin to recognise that each number is one more than the one before
Week 4	Pattern	Copy, continue, extend and create ABAB pattern Begin to identify the unit of repeat e.g. red, blue
Week 5	Shape and Space	Respond to both informal language and common shape names Select shapes appropriately: flat surfaces for building, triangular prism for a roof etc. Responds to and uses language of position and direction
Week	Measures	Make comparisons between objects relating to size, length, weight and capacity In meaningful contexts, find the longer or shorter, heavier or lighter and more or less full of two items.

Summer 1		
Week 1	Counting and cardinality	Points or touches (tags) each item, saying one number name for each item, using the stable order of 1,2,3,4,5* Show finger numbers up to 5 Count things that can't be seen such as sounds and actions
Week 2	Comparison	Sort different objects into groups and begin to talk about how objects have been classified Compare two small groups of up to five objects, saying when there are the same number of objects in each group Use language, 'more than', 'less than'
Week 3	Composition	Begin to use understanding of number to solve practical problems in play and meaningful activities (numbers up to 5)
Week 4	Pattern	Explores and adds to simple linear patterns of two or three repeating items eg stick, leaf (AB) or stick, leaf, stone (ABC) Notice and correct an error in a repeating pattern
Week 5	Shape and Space	Partition and combine shapes to make new shapes with 2D and 3D shapes Create arches and enclosures when building, using trial and improvement to select blocks Predicts, moves and rotates objects to fit the space or create the shape they would like
Week 6	Measures	Begin to describe a sequence of events, real or fictional, using words such as 'first', 'then...' Recall a sequence of events in everyday life and stories

*The stable order principle refers to number names being said in a certain order, knowing that the order of the numbers will not change and will always be said in the same order

Summer 2

Week 1	Counting and cardinality	Encourage children to count beyond 10 verbally Begin to recognise numerals to 10 Make different patterns with the same number of things
Week 2	Comparison	Sort different objects into groups and begin to talk about how objects have been classified Compare two small groups of up to five objects, saying when there are the same number of objects in each group Use language, 'more than', 'less than'
Week 3	Composition	Separate a group of three or four objects in different ways, beginning to recognise that the total is always the same
Week 4	Pattern	Joins in with simple patterns in sounds, objects, games and stories, dance and movement, predicting what comes next
Week 5	Shape and Space	Talk about and explore 2D and 3D shapes (for example, circles, rectangles, triangles and cuboids) using informal and mathematical language, 'sides', 'corners', 'straight', 'flat', 'round' Describe a familiar route Discuss routes and locations, using words like 'in front of' and 'behind'
Week 6	Measures	Begin to describe a sequence of events, real or fictional, using words such as 'first', 'then...' Recall a sequence of events in everyday life and stories

Reception

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn term	Getting to know you (Take this time to play and get to know the children!) Contains overviews and frequently asked questions VIEW			Just like me! Match and sort Compare amounts Compare size, mass & capacity Exploring pattern VIEW			It's me 1, 2, 3! Representing 1, 2 & 3 Comparing 1, 2 & 3 Composition of 1, 2 & 3 Circles and triangles Positional language VIEW			Light & dark Representing numbers to 5 One more or less Shapes with 4 sides Time VIEW		
Spring term	Alive in 5! Introducing zero Comparing numbers to 5 Composition of 4 & 5 Compare mass (2) Compare capacity (2) VIEW			Growing 6, 7, 8 6, 7 & 8 Combining two amounts Making pairs Length & height Time (2) VIEW			Building 9 & 10 Counting to 9 & 10 Comparing numbers to 10 Bonds to 10 3-D shapes Spatial awareness Patterns VIEW			Consolidation		
Summer term	To 20 and beyond Build numbers beyond 10 Count patterns beyond 10 Spatial reasoning 1 Match, rotate, manipulate VIEW			First, then, now Adding more Taking away Spatial reasoning 2 Compose and decompose VIEW			Find my pattern Doubling Sharing & grouping Even & odd Spatial reasoning 3 Visualise and build VIEW			On the move Deepening understanding Patterns & relationships Spatial mapping (4) Mapping VIEW		

Year 1

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn term	<p>Number</p> <p>Place value (within 10)</p> <p>VIEW</p>					<p>Number</p> <p>Addition and subtraction (within 10)</p> <p>VIEW</p>					<p>Geometry</p> <p>Shape</p> <p>VIEW</p>	<p>Consolidation</p>
Spring term	<p>Number</p> <p>Place value (within 20)</p> <p>VIEW</p>	<p>Number</p> <p>Addition and subtraction (within 20)</p> <p>VIEW</p>			<p>Number</p> <p>Place value (within 50)</p> <p>VIEW</p>	<p>Measurement</p> <p>Length and height</p> <p>VIEW</p>	<p>Measurement</p> <p>Mass and volume</p> <p>VIEW</p>					
Summer term	<p>Number</p> <p>Multiplication and division</p> <p>VIEW</p>			<p>Number</p> <p>Fractions</p> <p>VIEW</p>	<p>Geometry</p> <p>Position and direction</p> <p>VIEW</p>	<p>Number</p> <p>Place value (within 100)</p> <p>VIEW</p>	<p>Measurement</p> <p>Money</p> <p>VIEW</p>	<p>Measurement</p> <p>Time</p> <p>VIEW</p>	<p>Consolidation</p>			

Year 2

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn term	Number Place value VIEW				Number Addition and subtraction VIEW				Geometry Shape VIEW			
Spring term	Measurement Money VIEW		Number Multiplication and division VIEW				Measurement Length and height VIEW		Measurement Mass, capacity and temperature VIEW			
Summer term	Number Fractions VIEW			Measurement Time VIEW			Statistics VIEW		Geometry Position and direction VIEW		Consolidation	

Year 3

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn term	Number Place value VIEW		Number Addition and subtraction VIEW				Number Multiplication and division A VIEW					
Spring term	Number Multiplication and division B VIEW		Measurement Length and perimeter VIEW		Number Fractions A VIEW		Measurement Mass and capacity VIEW					
Summer term	Number Fractions B VIEW	Measurement Money VIEW	Measurement Time VIEW		Geometry Shape VIEW	Statistics VIEW		Consolidation				

Year 4

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn term	Number Place value VIEW			Number Addition and subtraction VIEW			Measurement Area VIEW	Number Multiplication and division A VIEW			Consolidation	
Spring term	Number Multiplication and division B VIEW		Measurement Length and perimeter VIEW		Number Fractions VIEW			Number Decimals A VIEW				
Summer term	Number Decimals B VIEW	Measurement Money VIEW	Measurement Time VIEW	Consolidation	Geometry Shape VIEW		Statistics VIEW	Geometry Position and direction VIEW				

Year 5

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn term	<p>Number</p> <h2>Place value</h2> <p>VIEW</p>			<p>Number</p> <h2>Addition and subtraction</h2> <p>VIEW</p>		<p>Number</p> <h2>Multiplication and division A</h2> <p>VIEW</p>		<p>Number</p> <h2>Fractions A</h2> <p>VIEW</p>				
Spring term	<p>Number</p> <h2>Multiplication and division B</h2> <p>VIEW</p>			<p>Number</p> <h2>Fractions B</h2> <p>VIEW</p>		<p>Number</p> <h2>Decimals and percentages</h2> <p>VIEW</p>		<p>Measurement</p> <h2>Perimeter and area</h2> <p>VIEW</p>		<h2>Statistics</h2> <p>VIEW</p>		
Summer term	<p>Geometry</p> <h2>Shape</h2> <p>VIEW</p>			<p>Geometry</p> <h2>Position and direction</h2> <p>VIEW</p>		<p>Number</p> <h2>Decimals</h2> <p>VIEW</p>		<p>Number</p> <h2>Negative numbers</h2> <p>VIEW</p>	<p>Measurement</p> <h2>Converting units</h2> <p>VIEW</p>		<p>Measurement</p> <h2>Volume</h2> <p>VIEW</p>	

Year 6

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn term	<p>Number</p> <p>Place value</p> <p>VIEW</p>	<p>Number</p> <p>Addition, subtraction, multiplication and division</p> <p>VIEW</p>					<p>Number</p> <p>Fractions A</p> <p>VIEW</p>	<p>Number</p> <p>Fractions B</p> <p>VIEW</p>	<p>Measurement</p> <p>Converting units</p> <p>VIEW</p>			
Spring term	<p>Number</p> <p>Ratio</p> <p>VIEW</p>	<p>Number</p> <p>Algebra</p> <p>VIEW</p>	<p>Number</p> <p>Decimals</p> <p>VIEW</p>	<p>Number</p> <p>Fractions decimals and percentages</p> <p>VIEW</p>	<p>Measurement</p> <p>Area, perimeter and volume</p> <p>VIEW</p>	<p>Statistics</p> <p>VIEW</p>						
Summer term	<p>Geometry</p> <p>Shape</p> <p>VIEW</p>	<p>Geometry</p> <p>Position and direction</p> <p>VIEW</p>	<p>Themed projects, consolidation and problem solving</p>									