

Nursery Maths Long Term Plan

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Mathematics	Please see Master the Curriculum					
	<p>Baseline assessment</p> <p>Getting to know you</p> <p><u>Matching and sorting</u></p> <p>To recognise colours (red,green,blue,yellow)</p> <p>To match objects (eg buttons, shoes)</p> <p>To sort objects by size, colour and shape</p> <p>Recognise and extend AB and ABC patterns</p> <p><u>Number 1,2</u></p> <p>Counting and subitising 1 and 2</p> <p>Composition of 1 and 2</p>	<p><u>Shapes</u></p> <p>Recognise circles, triangles, squares</p> <p>Counting sides</p> <p>Finding shapes in the environment</p> <p><u>Numbers 3, 4</u></p> <p>Counting using 1-1 correspondence</p> <p>Explore composition of 3 and 4</p> <p>Sorting objects into 3 and 4</p>	<p><u>Mass and capacity</u></p> <p>Introduce balance scales</p> <p>Explore heavier/lighter</p> <p>Explore full/empty</p> <p>Understand nearly full/nearly empty</p> <p>Comparing containers</p> <p><u>Number 5</u></p> <p>Counting using 1-1 correspondence</p> <p>Explore composition of 5</p> <p>Recognise pentagons</p> <p><u>Length/height/time</u></p> <p>Explore tall/short</p> <p>Explore long/short</p>	<p><u>3D shapes</u></p> <p>Identify cubes/cuboids/spheres/cylinders and talk about properties</p> <p><u>Number 6</u></p> <p>Counting to 6</p> <p>Introduce ten frame</p> <p>Recognising numerals to 6</p> <p>Subitising to 6</p>	<p><u>Sequencing and position</u></p> <p>Ordering events from a story or daily routine</p> <p>Explore and understand on, under, in, in front, behind</p> <p><u>Number</u></p> <p>Comparing groups, seeing which has more/fewer</p> <p>One more, one less than, numbers to 5</p>	<p><u>Sharing and grouping</u></p> <p>To begin to share equally</p> <p><u>Number consolidation</u></p> <p>Counting, subitising, composition of numbers to 5</p> <p>What comes after 5?</p>

Reception Long Term Plan

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<p>Mathematics</p> <p>Taken from White Rose and Master the Curriculum</p>	<p>Baseline assessment, getting to know you</p> <p><u>Matching and sorting</u></p> <p>Can match colours, objects</p> <p>Can sort objects and describe how they have sorted them</p> <p>Can compare length, height, and capacity</p> <p>Can repeat a simple AB pattern with objects, movement and sound</p> <p>Can spot mistakes in AB patterns</p> <p>1,2,3</p> <p>Find, subitise and represent 1, 2, 3</p> <p>1 more</p> <p>1 less</p> <p>Composition 1, 2, 3</p>	<p><u>Circles and triangles</u></p> <p>Identify, name, compare circles and triangles. Shapes in the environment.</p> <p>Describe position</p> <p><u>1, 2, 3, 4, 5</u></p> <p>Find, subitise and represent 4, 5</p> <p>Form numeral correctly</p> <p>1 more</p> <p>1 less</p> <p>Composition 4, 5</p> <p>Composition 1-5</p> <p><u>Shapes with 4 sides</u></p> <p>Identify and name and combine shapes with 4 sides</p> <p>Shapes in the environment</p> <p>My day and night (from WR Spring plan)</p> <p><u>Alive in 5</u></p> <p>Find, subitise and represent 0-5</p> <p>1 more</p> <p>1 less</p> <p>Composition</p>	<p><u>Mass and capacity</u></p> <p>Compare mass, find a balance, explore and compare capacity</p> <p><u>Growing 6, 7, 8</u></p> <p>Find & represent 6, 7, 8</p> <p>Form numeral correctly</p> <p>1 more, 1 less</p> <p>Composition 6, 7, 8</p> <p>Make pairs-odd and even</p> <p>Double to 8 (find & make a double)</p> <p>Combine 2 groups</p> <p>Conceptual subitising</p> <p><u>Length, height and time</u></p> <p>Explore and compare length and height</p> <p>Talk about, order and sequence time</p>	<p><u>Building 9 and 10</u></p> <p>Find 9 and 10</p> <p>Compare numbers to 10</p> <p>Represent 9 and 10</p> <p>Subitising to 10</p> <p>1 less than</p> <p>Composition to 10</p> <p>Bonds to 10</p> <p>Doubles to 10</p> <p>Explore odd and even</p> <p>Form numeral correctly</p> <p><u>3D shapes</u></p> <p>Recognise and name 3D shapes</p> <p>Find 2D shapes within 3D shapes</p> <p>Identify more complex patterns</p> <p>Copy and continue patterns</p>	<p><u>To 20 and beyond</u></p> <p>Build numbers beyond 10</p> <p>Continue patterns beyond 10</p> <p>Verbal counting beyond 20</p> <p>Verbal counting patterns</p> <p><u>How many now?</u></p> <p>How many did I add?</p> <p>How many did I take away?</p> <p><u>Manipulate, compose and decompose</u></p> <p>Select shapes for a purpose</p> <p>Rotate shapes</p> <p>Manipulate shapes</p> <p>Compose and decompose shapes</p> <p>Copy 2D shape pictures</p>	<p><u>Sharing and grouping</u></p> <p>Explore sharing</p> <p>Grouping</p> <p>Odd/even</p> <p>Play with and build doubles</p> <p><u>Visualise, map and build</u></p> <p>Identify units of repeating patterns</p> <p>Explore own pattern rules</p> <p>Describe positions</p> <p>Explore mapping</p> <p>Represent maps with models</p> <p>Create own maps from similar places and story situations</p>

KS1 Maths Long Term Plan

Yearly overview

The yearly overview provides suggested timings for each block of learning, which can be adapted to suit different term dates or other requirements.

	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	Number Place value (within 10)					Number Addition and subtraction (within 10)					Geometry Shape	Consolidation
Spring	Number Place value (within 20)			Number Addition and subtraction (within 20)			Number Place value (within 50)		Measurement Length and height		Measurement Mass and volume	
Summer	Number Multiplication and division			Number Fractions		Geometry Position and direction	Number Place value (within 100)		Measurement Money	Measurement Time		Consolidation

Yearly overview

The yearly overview provides suggested timings for each block of learning, which can be adapted to suit different term dates or other requirements.

	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	Number Place value			Number Addition and subtraction				Number Multiplication and division A				
Spring	Number Multiplication and division B			Measurement Length and perimeter			Number Fractions A		Measurement Mass and capacity			
Summer	Number Fractions B		Measurement Money		Measurement Time			Geometry Shape		Statistics		Consolidation

Yearly overview

The yearly overview provides suggested timings for each block of learning, which can be adapted to suit different term dates or other requirements.

	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	Number Place value			Number Addition and subtraction		Number Multiplication and division A			Number Fractions A			
Spring	Number Multiplication and division B			Number Fractions B		Number Decimals and percentages			Measurement Perimeter and area		Statistics	
Summer	Geometry Shape			Geometry Position and direction		Number Decimals			Number Negative numbers	Measurement Converting units		Measurement Volume