



Maths Curriculum Plan



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Nursery	<ul style="list-style-type: none"> ➤ Displays fast recognition of up to 3 objects, without having to count them individually ('subitising'). (N) ➤ Can compare quantities using language such as; 'more than', 'fewer than'. (N) ➤ Talks about and identifies the patterns around him/her, e.g. stripes on clothes, designs on rugs and wallpaper. He/She uses informal 	<ul style="list-style-type: none"> ➤ Recites numbers past 5. (N) ➤ Can show 'finger numbers' up to 5. (N) ➤ Can make comparisons between objects relating to size, length, weight and capacity. (NP) ➤ Is able to extend and create ABAB patterns, e.g. stick, leaf, stick, leaf. (NP) ➤ Is beginning to describe a sequence of events, real or fictional, using 	<ul style="list-style-type: none"> ➤ Selects shapes appropriately; flat surfaces for building, a triangular prism for a roof etc. (NP) ➤ Notices and corrects an error in a repeating pattern. (NP) ➤ Process and use positional vocabulary accurately in a small world scenes and when building. ➤ Arrange 2D shapes narrating 	<ul style="list-style-type: none"> ➤ Can say one number for each item in order: 1,2,3,4,5. (N) ➤ Knows that the last number reached when counting a small set of objects tells you how many there are in total ('cardinal principle'). (N) ➤ Can talk about and explore 2D and 3D shapes (e.g. circles, rectangles, triangles and cuboids) using informal and mathematical 	<ul style="list-style-type: none"> ➤ Can link numerals and amounts: e.g. showing the right number of objects to match the numeral, up to 5. (N) ➤ Is experimenting with his/her own symbols and marks as well as numerals. (N) ➤ Is able to discuss routes and locations, using words like 'in front of' and 'behind'. (NP) ➤ Use absolute measurement vocabulary to describe everyday 	<ul style="list-style-type: none"> ➤ Is able to solve real world mathematical problems with numbers up to 5. (N) ➤ Combines shapes to make new ones; an arch, a bigger triangle etc. (NP) ➤ Understands position through words alone, e.g. "The bag is under the table," - with no pointing. (NP) ➤ Can describe a familiar route. (NP) ➤ Predict changes in amounts in

	<p>language like 'pointy', 'spotty', 'blobs' etc. (NP)</p> <ul style="list-style-type: none"> ➤ Process simple positional vocabulary in child initiated play. ➤ Match pairs to demonstrate a grasp of commonality. 	<p>words such as 'first', 'then...'. (NP)</p> <ul style="list-style-type: none"> ➤ Process language of everyday size. ➤ Process and use positional vocabulary in a large scale physical play. ➤ Sort sets of objects such as building blocks into sets of identical members 	<p>choices with informal descriptions of properties.</p> <ul style="list-style-type: none"> ➤ Use everyday language to compare size. ➤ Process language to fill and empty containers 	<p>language; 'sides', 'corners', 'straight', 'flat', 'round'. (NP)</p> <ul style="list-style-type: none"> ➤ Process and use positional vocabulary accurately when out in the wider locality. ➤ Process language to create structures or arrangements longer, shorter, taller, wider than mine. 	<p>objects such as heavy, tall, big, tiny, full, and empty.</p> <ul style="list-style-type: none"> ➤ Compare lengths by aligning and accurately identify longer, taller, shorter. 	<p>stories and rhymes, counting forwards and backwards.</p> <ul style="list-style-type: none"> ➤ Talk about things that have already happened and things that are going to happen. ➤ Use terms day and night in relation to stories.
Reception	<p>Counts objects, actions and sounds</p> <p>Is able to subitise (recognise how many objects there are in a small group without counting)</p> <p>Is able to link the number symbol (numeral) with its cardinal number value</p> <p>Automatically recalls number bonds for numbers 0–5 and some to 10.</p>	<p>Counts objects, actions and sounds</p> <p>Is able to subitise (recognise how many objects there are in a small group without counting)</p> <p>Is able to link the number symbol (numeral) with its cardinal number value</p> <p>Is able to subitise (recognise quantities without counting) up to 5 (ELG)</p>	<p>Counts objects, actions and sounds</p> <p>Is able to subitise (recognise how many objects there are in a small group without counting)</p> <p>Is able to link the number symbol (numeral) with its cardinal number value</p> <p>Can count beyond ten</p> <p>Is able to compare numbers</p>	<p>Can select, rotate and manipulate shapes in order to develop spatial reasoning skills</p> <p>Investigates composing and decomposing shapes and recognises a shape can have other shapes within it, just as numbers can</p> <p>Is able to continue, copy and create repeating patterns</p> <p>Can compare length, weight and capacity</p>	<p>Is able to subitise (recognise how many objects there are in a small group without counting)</p> <p>Is able to compare numbers</p> <p>Is able to explore the composition of numbers to 10</p> <p>Automatically recalls number bonds for numbers 0–5 and some to 10.</p> <p>Has a deep understanding of</p>	<p>Is able to subitise (recognise how many objects there are in a small group without counting)</p> <p>Is able to compare numbers</p> <p>Is able to explore the composition of numbers to 10</p> <p>Automatically recalls number bonds for numbers 0–5 and some to 10.</p> <p>Automatically recalls (without reference to</p>

	<p>Automatically recalls (without reference to rhymes, counting or other aids) number bonds up to 5 (including subtraction facts) and some number bonds to 10, including double facts (ELG)</p> <p>Is able to subitise (recognise quantities without counting) up to 5 (ELG)</p> <p>Is able to continue, copy and create repeating patterns</p>	<p>Can select, rotate and manipulate shapes in order to develop spatial reasoning skills</p> <p>Investigates composing and decomposing shapes and recognises a shape can have other shapes within it, just as numbers can</p> <p>Is able to continue, copy and create repeating patterns</p> <p>Can compare length, weight and capacity</p>	<p>Understands the 'one more than/one less than' relationship between consecutive numbers</p> <p>Is able to explore the composition of numbers to 10</p> <p>Automatically recalls number bonds for numbers 0–5 and some to 10.</p> <p>Automatically recalls (without reference to rhymes, counting or other aids) number bonds up to 5 (including subtraction facts) and some number bonds to 10, including double facts (ELG)</p> <p>Is able to continue, copy and create repeating patterns</p> <p>Can compare length, weight and capacity</p> <p>Can compare quantities up to 10 in different contexts, recognising when one quantity is greater than, less than or the same as the other quantity (ELG)</p>		<p>number to 10, including the composition of each number (ELG)</p> <p>Is able to subitise (recognise quantities without counting) up to 5 (ELG)</p> <p>Is able to continue, copy and create repeating patterns</p> <p>Can compare quantities up to 10 in different contexts, recognising when one quantity is greater than, less than or the same as the other quantity (ELG)</p> <p>Is able to explore and represent patterns within numbers up to 10, including evens and odds, double facts and how quantities can be distributed equally (ELG)</p> <p>Verbally counts beyond 20, recognising the pattern of the counting system (ELG)</p>	<p>rhymes, counting or other aids) number bonds up to 5 (including subtraction facts) and some number bonds to 10, including double facts (ELG)</p> <p>Is able to subitise (recognise quantities without counting) up to 5 (ELG)</p> <p>Is able to continue, copy and create repeating patterns</p> <p>Can compare length, weight and capacity</p> <p>Can compare quantities up to 10 in different contexts, recognising when one quantity is greater than, less than or the same as the other quantity (ELG)</p> <p>Is able to explore and represent patterns within numbers up to 10, including evens and odds, double facts and how quantities can be distributed equally (ELG)</p> <p>Verbally counts beyond 20, recognising the</p>
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						pattern of the counting system (ELG)
Year 1	Number Place value (within 10) Number Addition & subtraction (within 10) Geometry Shape Number Place value (within 20)	Number Addition & subtraction (within 20) Number Place value (within 50) Measurement Length & height Measurement Weight & volume Consolidation	Consolidation Number Multiplication & division Number Fractions Geometry Position & direction Number Place value (within 100) Measurement Money Measurement Time			
Year 2	Number Place value Number Addition and subtraction Geometry Shape	Measurement Money Number Multiplication and division Measurement Length and height Measurement Mass, capacity and temperature	Summer term Number Fractions Measurement Time Statistics Geometry Position and direction			
Year 3	Number Place value Number	Number Multiplication and division B Measurement	Number Fractions B Measurement			

	Addition and subtraction Number Multiplication and division A	Length and perimeter Number Fractions A Measurement Mass and capacity	Money Measurement Time Geometry Shape Statistics
Year 4	Number Place value Number Addition and subtraction Measurement Area Number Multiplication and division A	Number Multiplication and division B Measurement Length and perimeter Number Fractions Number Decimals A	Number Decimals B Measurement Money Measurement Time Consolidation Geometry Shape Statistics Geometry Position and direction
Year 5	Number Place value Number Addition and subtraction Number Multiplication and division A Number	Spring term Number Multiplication and division B Number Fractions B Number Decimals and percentages	Summer term Geometry Shape Geometry Position and direction Number Decimals

	Fractions A	Measurement Perimeter and area Statistics	Number Negative numbers Measurement Converting units Measurement Volume
Year 6	Number Place value Number Addition, subtraction, multiplication and division Number Fractions A Number Fractions B Measurement Converting units	Spring term Number Ratio Number Algebra Number Decimals Number Fractions decimals and percentages Measurement Area, perimeter and volume Statistics	Summer term Geometry Shape Geometry Position and direction Themed projects, consolidation and problem solving