

Mathematics Curriculum Map

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Nursery	<p>Recite numbers past 5. Say one number for each item in order: 1, 2,3,4,5. Show 'finger numbers' up to 5. Know that the last number reached when counting a small set of objects tells you how many there are in total ('cardinal principle').</p> <p style="text-align: center;">Talk about and explore 2D and 3D shapes (circles, rectangles, triangles and cuboids) using informal and mathematical language: sides, corners; straight, flat, round</p>	<p>Fast recognition of up to 3 objects, without having to count them individually ('subitising').</p> <p>Link numerals and amounts: for example, showing the right number of objects to match the numeral, up to 5.</p> <p>Select shapes appropriately: flat surfaces for building, a triangular prism for a roof etc. Combine shapes to make new ones - an arch, a bigger triangle etc.</p>	<p>Recite numbers past 5. Say one number for each item in order: 1, 2,3,4,5. Show 'finger numbers' up to 5. Know that the last number reached when counting a small set of objects tells you how many there are in total ('cardinal principle').</p> <p>Make comparisons between objects relating to size, length, weight and capacity.</p>	<p>Fast recognition of up to 3 objects, without having to count them individually ('subitising'). Link numerals and amounts: for example, showing the right number of objects to match the numeral, up to 5.</p> <p>Understand position through words alone – for example, "The bag is under the table," – with no pointing. Describe a familiar route. Discuss routes and locations, using words like 'in front of' and 'behind'.</p>	<p>Recite numbers past 5. Say one number for each item in order: 1, 2,3,4,5. Show 'finger numbers' up to 5. Know that the last number reached when counting a small set of objects tells you how many there are in total ('cardinal principle').</p> <p>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. Extend and create ABAB patterns – stick, leaf, stick, leaf. Notice and correct an error in a repeating pattern. Begin to describe a sequence of events, real or fictional, using words such as 'first', 'then...'</p>	<p>Fast recognition of up to 3 objects, without having to count them individually ('subitising').</p> <p>Link numerals and amounts: for example, showing the right number of objects to match the numeral, up to 5.</p> <p>Experiment with their own symbols and marks as well as numerals. Solve real world mathematical problems with numbers up to 5. Compare quantities using language: 'more than', 'fewer than'</p>
Reception	<p>Baseline Assessments.</p>	<p>-Deep understanding of numbers to 10.</p> <p>-Number bonds to 5.</p>	<p>-Deep understanding of numbers to 10.</p> <p>-Subitise up to 5.</p>	<p>-Deep understanding of numbers to 10.</p> <p>-Number bonds to 10.</p>	<p>-Deep understanding of numbers to 10.</p> <p>-Subitise to 5.</p>	<p>-Orally count to 20 and beyond.</p> <p>-Numbers bonds to 10.</p>

	<p>Deep understanding of numbers to 5.</p> <p>Number formation to 5.</p>		<ul style="list-style-type: none"> -Number bonds to 5. - Count objects, actions and sounds. - Select, rotate and manipulate shapes in order to develop spatial reasoning skills. - Compose and decompose shapes. - Continue, copy and create repeating patterns. 	<ul style="list-style-type: none"> -Compare sets of objects up to 10. -Doubles to 10. -Orally count to 20 and beyond. - Continue, copy and create repeating patterns. - Compare length, weight and capacity. 	<ul style="list-style-type: none"> -Share even and odd numbers. -Numbers bonds to 5 and 10. - Count beyond 20. - Select, rotate and manipulate shapes in order to develop spatial reasoning skills. - Compose and decompose shapes. 	<ul style="list-style-type: none"> - Sharing quantities. -Subitise to 5. - Compare length, weight and capacity. - Recognise numerals up to 20.
Year 1	<p>Addition & subtraction</p> <p>Fractions</p> <p>Geometry: 2D</p> <p>Length & mass/weight</p>	<p>Measures: Money & time, capacity and volume</p> <p>Number and Place Value</p> <p>Revision and consolidation</p>	<p>Addition and subtraction</p> <p>Fractions</p> <p>Multiplication and division</p> <p>Geometry: position and direction</p> <p>Measures: length, mass and weight</p>	<p>Measures: counting and money</p> <p>Number and place Value</p> <p>Time</p> <p>Revision and consolidation</p>	<p>Number and place Value</p> <p>Addition and subtraction</p> <p>Geometry: position and direction</p> <p>Fractions</p> <p>Multiplication and division</p>	<p>Measures: time, capacity and volume</p> <p>Geometry: 2D and 3D shape</p> <p>Number and place Value revision</p> <p>Addition and subtraction revision</p>
Year 2	<ul style="list-style-type: none"> -Number & place value -Addition & subtraction -Graphs 	<ul style="list-style-type: none"> -Multiplication and division -Length and Mass 	<ul style="list-style-type: none"> -Number & place value -Measures: Money, capacity, volume and temperature -Geometry: 2D and 3D shape, position and direction 	<ul style="list-style-type: none"> -Multiplication & Division -Measures: time -Fractions 	<ul style="list-style-type: none"> -Geometry: 2D and 3D shape, position and direction. -Core skills and word problems -Time and Money 	<ul style="list-style-type: none"> -Multiplication & division -Statistics, including finding the difference -Measures: capacity, volume & temperature -Fractions

Year 3	-Number and Place Value -Addition and Subtraction -Multiplication and division	-Measures: length and perimeter, time -Geometry: 2D and 3D shape -Statistics	-Fractions -Division -Geometry: 2D and 3D shape -Geometry: angles	-Measures: length, mass and volume -Number and Place Value -Multiplication and division	-Measures: time and money -Addition and Subtraction problems -Number and Place Value	-Addition and Subtraction -Geometry: properties of shape -Statistics -Multiplication and division
Year 4	-Number and Place value -Addition & subtraction -Multiplication and division	-Measures: length and perimeter, time -Geometry: 2D and 3D shape -Statistics	-Roman Numerals -Number and Place Value -Addition and Subtraction -Multiplication and division	-Multiplication and division -Fractions and decimals -Geometry: position and direction, area	-Number and Place Value including sequences -Fractions and decimals -Multiplication and Division	-Addition and Subtraction -Geometry: position and direction -Geometry- angles -Measures: volume, capacity and mass, money
Year 5	-Number and Place Value -Decimals -Addition and Subtraction -Multiplication and division	-Geometry: angles, perimeter and area -Number and Place Value- negative numbers -Fractions -Statistics	-Addition and Subtraction -Measures- area and volume -Geometry- reflection and translation -Roman numerals	-Geometry- 2D and 3D shape -Multiplication and division -Fractions -Statistics	-Number and Place Value -Addition and Subtraction -Measures- area, mass, volume and capacity -geometry	-Fractions -Measure: time -Multiplication and division
Year 6	-Number and Place Value -Addition and Subtraction -Multiplication and division -Geometry: 2D and 3D shape	-Fractions, decimals and percentages -Measurement: area, perimeter, mass and volume -Geometry: angles	-Number and Place Value -Multiplication and division -Fractions -Measurement	-Measurement -Ratio & proportion -Statistics: graphs and charts -Addition and Subtraction -Multiplication and division	-Number and Place Value -Addition and Subtraction -Fractions -Algebra -Measurements -Geometry	-Statistics -Algebra -Addition and Subtraction -Fractions -Geometry