



# Maths Curriculum Map – 2022 / 2023



	AUTUMN TERM		SPRING TERM		SUMMER TERM	
<b>Nursery</b>	<p>Show 'finger numbers' up to 5.</p> <p>Say one number for each item in order: 1,2,3,4,5.</p> <p>Develop 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>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.</p> <p>Solve real world mathematical problems with numbers up to 5.</p> <p>Compare quantities using language: 'more than', 'fewer than'.</p>	<p>Say one number for each item in order: 1,2,3,4,5.</p> <p>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>Understand position through words alone – for example, "The bag is under the table," – with no pointing.</p> <p>Describe a familiar route.</p> <p>For example: stripes on clothes, designs on rugs and wallpaper. Use informal language like 'pointy', 'spotty', 'blobs' etc.</p> <p>Extend and create ABAB patterns – stick, leaf, stick, leaf.</p> <p>Notice and correct an error in a repeating pattern.</p>	<p>Make comparisons between objects relating to size, length, weight and capacity.</p> <p>Link numerals and amounts: for example, showing the right number of objects to match the numeral, up to 5.</p>	<p>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'.</p> <p>Talk about and identifies the patterns around them. For example: stripes on clothes, designs on rugs and wallpaper. Use informal language like 'pointy', 'spotty', 'blobs' etc.</p> <p>Extend and create ABAB patterns – stick, leaf, stick, leaf.</p> <p>Notice and correct an error in a repeating pattern.</p> <p>Begin to describe a sequence of events,</p>

						real or fictional, using words such as 'first', 'then...'
<b>Reception</b>	<p>Number of the week up to 5 -linked to nursery rhymes</p> <p>Count objects, actions and sounds.</p> <p>Link the number symbol (numeral) with its cardinal number value.</p> <p>Subitise.</p> <p>Compare length, weight and capacity</p>	<p>Number of the week up to 10 -linked to nursery rhyme</p> <p>Compare numbers</p> <p>Select, rotate and manipulate shapes in order to develop spatial reasoning skills.</p> <p>Subitise.</p> <p>Continue, copy and create repeating patterns.</p>	<p>Number of the week up to 15</p> <p>Count beyond ten</p> <p>Count objects, actions and sounds.</p> <p>Link the number symbol (numeral) with its cardinal number value.</p> <p>Subitise.</p>	<p>Number of the week up to 20</p> <p>Count beyond ten</p> <p>Count objects, actions and sounds.</p> <p>Link the number symbol (numeral) with its cardinal number value.</p> <p>Subitise.</p> <p>Continue, copy and create repeating patterns.</p>	<p>Number of the week up to 5 – with calculations, word problems, shapes and patterns</p> <p>Explore the composition of numbers to 5</p> <p>Automatically recall number bonds for numbers 0–5</p> <p>Select, rotate and manipulate shapes in order to develop spatial reasoning skills.</p> <p>Compose and decompose shapes so that children recognise a shape can have other shapes within it, just as numbers can.</p>	<p>Number of the week up to 10 – with calculations, word problems, shapes and patterns</p> <p>Explore the composition of numbers to 10</p> <p>Automatically recall number bonds for numbers 0–10</p> <p>Compose and decompose shapes so that children recognise a shape can have other shapes within it, just as numbers can.</p> <p>Compare length, weight and capacity</p>
<b>YEAR 1</b>	<p>Number Place Value (within 30)</p> <p>Number Addition &amp; subtraction (within 10)</p> <p>Geometry Shape (2D)</p>	<p>Number Addition &amp; Subtraction (within 20)</p> <p>Money (up to £2)</p> <p>Number Place Value</p> <p>Geometry</p> <p>Position, direction and length</p>	<p>Number Addition &amp; Subtraction (within 100)</p> <p>Number Place Value (within 100)</p> <p>Fractions &amp; multiples of 2 &amp; 5</p> <p>Geometry 3D shape and time</p>	<p>Number Fractions (half and quarter)</p> <p>Doubles</p> <p>Measurement Time</p> <p>Number Addition and subtraction</p> <p>2 digit numbers in relation to money</p>	<p>Number 1 more and 1 less</p> <p>10 more and 10 less</p> <p>Adding 3 numbers</p> <p>Measurement</p> <p>Comparing weight and capacity, plotting tables and graphs</p> <p>Fractions</p> <p>Solving money problems</p>	<p>Number: Place Value (within 100)</p> <p>Odd and even numbers</p> <p>Measurement: Time, nonstandard and standard units of measure</p> <p>Geometry 2D shape</p>

						Number Addition and subtraction (including money) Multiplication Patterns including 10's, 2.s and 5's
<b>YEAR 2</b>	Number Place Value + and – Geometry Properties of 2D Shape	Number Number bonds/ place value Money Geometry Position And Direction Measurements Length	Number + and – 2 digit numbers  Measurement Money Time introduction Geometry Properties of 3D Shape	Fractions $\frac{1}{2}$ , $\frac{1}{4}$ , $\frac{1}{3}$ NUMBER X and ÷ Measurement Time *TT Rockstars*	Number Place Value +, –, X and ÷ Measurement  *TT Rockstars*	Number Place Value + and – using money X and ÷ Measurement Length Time *TT Rockstars*
<b>YEAR 3</b>	+ and – Place value More than less than Doubling halving Bonds to 10, 20 and 100 Inverse operations to find missing numbers Multiplying and dividing by 3, 4 and 5 Measurement conversions	Time intervals Subtraction using a blank number line 3D shapes Fractions of an amount Doubling and halving Place value of money + and – using partitioning	Place value + by partitioning Doubles and halves Recall 2,3,4,5,8 and 10. Multiplication word problems. Inverse operations. Count in multiples of 4, 8, 50 and 100 Find 10 more/less Find 100 more/less 2D /3D shape Measuring	Venn diagrams Carroll diagrams Pictograms Recall 2,3, 4,5, 8 and 10 The grid method Partitioning Place value money Subtraction with a blank number line Column method + Time Days of the week Roman numerals Measurement conversions Fractions- finding $\frac{1}{3}$ 's	Adding multiples of ten Ordering fractions Multiplying by 2, 3, 4, 5 and 8 Scaling Multiples of ten Multiplying using the grid method Dividing by 2 and 3 digit numbers by 1 digit numbers Pictograms and bar charts Grams and kilograms Adding 2 and 3 digit numbers	Perimeters Fractions Equivalent fractions Fractions of amounts Division with remainders Scale Kilometres and metres Blank number line 8 compass points Different type of lines 4 Figure grid references.
<b>YEAR 4</b>	Number and Place Value Addition and Subtraction	Addition and Subtraction Unit Fractions Decimals	Multiplication and division Lines of Symmetry Solving word problems	Multiplication and division Measurement Length/Area	Time Money Scaling	Statistics Shape Position and Direction

<b>YEAR 5</b>	Number: Place Value Addition and subtraction Statistics	Number: Multiplication and division Measurement: Perimeter and area	Number: multiplication and division Fractions	Fractions Decimals and percentages	Number: Decimals Geometry: Properties of shape and position and direction	Measurement: Converting units Measurement: Volume
<b>YEAR 6</b>	Number Place Value + - x ÷  Algebra Order of operations and unknowns  Measures Conversions Calculation of time intervals	Number Comparing and ordering Negative numbers  Geometry and Measure Properties of shape, volume, area and perimeter  FDP Short division Adding and subtracting fractions Finding percentages	Number Place value in large numbers + - x ÷ including word problems  FDP FDP equivalences  Geometry Interior angles of regular polygons Properties of shape	Number + - including money and decimals x ÷ including both long and short written methods  Statistics and Data Handling Line graphs, pie charts and averages  Geometry Plotting on four quadrants  Ratio Finding the nth term Calculating ratio	Number Place Value Decimals Mental and written strategies for all operations	Fractions + - x ÷ Solving ratio problems  Geometry Properties of shape Angles Area and perimeter  Measures Time  Statistics and Data Handling Tables, graphs and charts