

## Year 3 Maths Curriculum Map 2023-2024

Timescale	7 Weeks	6 Weeks	5 Weeks	6 Weeks	6 Weeks	6 Weeks
<b>Overall theme</b>	<b>How to make your garden grow and save the World</b>	<b>Amazing Earth</b>	<b>Monstrous Mountains</b>	<b>Tomb raiders</b>	<b>Groovy Greeks</b>	<b>I do like to be beside the seaside!</b>
<b>Mathematics</b>	<p><b>Place Value and Number</b> Count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number</p> <p>Identify, represent and estimate numbers using different representations.</p> <p>Compare and order numbers up to 1000.</p> <p>Read and write numbers up to 1000 in numerals and in words.</p> <p>Recognise the place value of each digit in a three-digit number (hundreds, tens, ones)</p>	<p><b>2D and 3D Shape</b> Draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them.</p> <p>Identify right angles, recognise that two right angles make a half-turn, three make three quarters of a turn and four a complete turn; identify whether angles are greater than or less than a right angle.</p> <p><b>Multiplication and Division</b> Recall and use multiplication and division facts for the</p>	<p><b>Place Value</b> Revisit previously learnt place value</p> <p><b>Addition and Subtraction</b> Revisit previously learnt addition and subtraction</p> <p><b>Money</b> Add and subtract amounts of money, using both £ and p in practical contexts.</p> <p><b>Fractions</b> Count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10.</p>	<p><b>Statistics</b> Interpret and present data using bar charts, pictograms and tables.</p> <p>Solve one-step and two-step questions [for example, ‘How many more?’ and ‘How many fewer?’] using information presented in scaled bar charts and pictograms and tables.</p> <p><b>Measures – Volume and Capacity</b> Measure, compare, add and subtract: volume/capacity (l/ml)</p> <p><b>Place Value/Multiplication and Division</b></p>	<p><b>Measures – Mass and Weight</b> Measure, compare, add and subtract: mass (kg/g)</p> <p><b>Fractions</b> Revisit previously learnt fractions</p> <p>Recognise and show, using diagrams, equivalent fractions with small denominators</p> <p>Add and subtract fractions with the same denominator within one whole [for example, <math>5/7 + 1/7 = 6/7</math>].</p> <p>Solve problems that involve all of the above.</p>	<p><b>Time</b> Recap objectives from Autumn and Spring.</p> <p>Compare durations of events.</p> <p><b>Statistics</b> Revisit previously learnt statistics</p> <p><b>Mixed operations</b> Recap Addition, subtraction, multiplication and division objectives.</p> <p>Estimate the answer to a calculation and use inverse operations to check answers.</p> <p>Solve problems, including missing number problems, using number facts, place value, and more</p>

	<p>solve number problems and practical problems involving these ideas.</p> <p><b>Addition and Subtraction</b> Add and subtract numbers mentally, including: A three-digit number and ones A three-digit number and tens A three-digit number and hundreds</p> <p>Add and subtract numbers with up to three digits, using formal written methods of column addition and subtraction.</p> <p>Estimate the answer to a calculation and use inverse operations to check answers. Solve problems, including missing number problems, using number facts,</p>	<p>3, 4 and 8 multiplication tables.</p> <p>Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods.</p> <p>Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects.</p> <p><b>Time</b></p>	<p>Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators</p> <p>Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators</p> <p>Compare and order unit fractions, and fractions with the same denominators. Solve problems that involve all of the above.</p> <p><b>Time</b> Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks</p> <p>Estimate and read time with increasing accuracy to the nearest minute;</p>	<p>Count from 0 in multiples of 4, 8, 50 and 100</p> <p>Revisit previously learnt multiplication and division</p> <p><b>Angles/2D shape</b> Recognise angles as a property of shape or a description of a turn.</p> <p>Identify horizontal and vertical lines and pairs of perpendicular and parallel lines.</p>	<p><b>Angles/2D shape</b> Recognise angles as a property of shape or a description of a turn.</p> <p>Identify horizontal and vertical lines and pairs of perpendicular and parallel lines.</p>	<p>complex addition and subtraction.</p>
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	place value, and more complex addition and subtraction.	<p>Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks.</p> <p><b>Measures – length and perimeter</b> Measure the perimeter of simple 2-D shapes.</p> <p>Measure, compare, Add and subtract: lengths (m/cm/mm).</p>	<p>record and compare time in terms of seconds, minutes and hours; use vocabulary such as o'clock, a.m./p.m., morning, afternoon, noon and midnight</p> <p>Know the number of seconds in a minute and the number of days in each month, year and leap year</p>			
<b>Cross Curricular Maths</b>	<p><b>French</b> - Learning 0-10</p> <p><b>Science</b> - Measuring/ predicting sizes of plants they will grow</p>	<p><b>Science</b> – experiments, speed, measuring</p> <p><b>History</b> - Timelines</p>	<p><b>Science</b> - Measuring shadows and light</p> <p><b>Geography</b> – heights of mountains, timelines</p>	<b>History</b> - timelines	<p><b>Science</b> - Venn Diagrams</p> <p><b>History</b> - timelines</p>	<p><b>Science</b> – carrying out experiments</p> <p><b>Geography</b> – study of UK – population, land etc.</p>