



# Year 6 Maths Overview 2025-2026

Week	1	2	3	4	5	6	7	8	9	10	11	12
<b>Autumn</b>	<p><b>Number Place Value including decimals</b></p> <p>Read, write, order and compare numbers up to 10 000 000 and determine the value of each digit.</p> <p>Y5 Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents</p> <p>Identify the value of each digit in numbers given to three decimal places</p> <p>Round any whole number to a required degree of accuracy.</p> <p>Solve number and practical problems that involve all of the above</p>		<p><b>Addition and subtraction whole numbers and decimals</b></p> <p>Practise addition and subtraction, for larger numbers, using the formal written methods of columnar addition and subtraction</p> <p>Perform mental calculations, including with mixed operations and large numbers.</p> <p>Solve addition and subtraction multi step problems in contexts, deciding which operations and methods to use and why.</p> <p>Use estimation to check answers to calculations and determine, in the context of a problem, an appropriate degree of accuracy.</p>		<p><b>Multiplication and Division of whole numbers and multiplication of decimals</b></p> <p>Multiply and divide numbers by 10, 100 and 1000 giving answers up to three decimal places.</p> <p>Practise multiplication and division for larger numbers, using the formal written method of, short multiplication and short division</p> <p>Multiply multi-digit numbers up to 4 digits by a 2 digit number using the formal written method of long multiplication.</p> <p>Divide multi-digit numbers up to 4 digits by a 2 digit whole number using the formal written method of long division and interpret remainders as whole number remainders, fractions, or by rounding, as appropriate for the context</p> <p>Divide numbers up to 4 digits by a 2 digit number using the formal written method of short division, interpreting remainders according to context.</p> <p>Perform mental calculations, including with mixed operations and large numbers. Solve problems involving multiplication and division</p> <p>Explore the order of operations using brackets; use their knowledge of the order of operations to carry out calculations involving the four operations</p> <p>Identify common factors, common multiples and prime numbers</p>				<p><b>Measures</b></p> <p>Use, read, write and convert between standard units, converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit, and vice versa, using decimal notation to up to three decimal places</p> <p>Solve problems involving the calculation and conversion of units of measure, using decimal notation up to three decimal places where appropriate</p> <p>Convert between miles and kilometres</p> <p>Recognise that shapes with the same areas can have different perimeters and vice versa</p> <p>Recognise when it is possible to use formulae for area and volume of shapes</p> <p>Calculate the area of parallelograms and triangles</p> <p>Calculate, estimate and compare volume of cubes and cuboids using standard units, including cubic centimetres (cm<sup>3</sup>) and cubic metres (m<sup>3</sup>), and extending to other units [for example, mm<sup>3</sup> and km<sup>3</sup>].</p>			

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<b>Spring</b>	<p><b>Geometry - Angles, 3D shape</b></p> <p>Draw 2-D shapes using given dimensions and angles</p> <p>Recognise, describe and build simple 3-D shapes, including making nets</p> <p>Compare and classify geometric shapes based on their properties and sizes and find unknown angles in any triangles, quadrilaterals, and regular polygons</p> <p>Recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles.</p> <p>Illustrate and name parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius</p>			<p><b>Geometry position and movement including negative numbers</b></p> <p>Use negative numbers in context, and calculate intervals across zero.</p> <p>Describe positions on the full coordinate grid (all four quadrants)</p> <p>Draw and translate simple shapes on the coordinate plane, and reflect them in the axes.</p>		<p><b>Fractions and Decimals</b></p> <p>Associate a fraction with division and calculate decimal fraction equivalents.</p> <p>Use common factors to simplify fractions; use common multiples to express fractions in the same denomination.</p> <p>Compare and order fractions, including fractions &gt; 1.</p> <p>Add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions.</p> <p>Multiply simple pairs of proper fractions, writing the answer in its simplest form [for example, <math>\frac{1}{4} \times \frac{1}{2} = \frac{1}{8}</math>.</p> <p>Divide proper fractions by a whole number eg <math>\frac{1}{3} \div 2 = \frac{1}{6}</math></p>			<p><b>Percentage and ratio</b></p> <p>Recall and use equivalences between simple fractions, decimals and percentages, including in different contexts.</p> <p>Solve problems involving the calculation of percentages and use percentages as comparison</p> <p>Solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts</p> <p>Solve problems involving unequal sharing and grouping using knowledge of fractions and multiples</p> <p>Solve problems involving similar shapes where the scale factor is known or can be found</p>		<p><b>Statistics</b></p> <p>Interpret and construct pie charts and line graphs and use these to solve problems</p> <p>Calculate and interpret the mean as an average.</p>	

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<b>Summer</b>	<b>Revision for SATs</b>		<b>SATs</b>	<b>Algebra</b> Use simple formulae Generate and describe linear number sequences Express missing number problems algebraically Find pairs of numbers that satisfy an equation with two unknowns enumerate possibilities of combinations of 2 variables			<b>Post SATS project work</b> <b>Transition unit</b>  30 minute keeping skills and knowledge sharp session to be included at least twice a week					