

Year 6 Maths Annual Overview 2023-2024

Autumn 1 - 7 weeks	Autumn 2 - 9 weeks	Spring 1 - 6 weeks	Spring 2 - 4 weeks	Summer 1 - 7 weeks	Summer 2 - 6 weeks
<p><b>Place Value - 2 weeks</b></p> <ul style="list-style-type: none"> <li>Numbers to 1,000,000 and 10,000,000</li> <li>Powers of 10</li> <li>Compare and order integers</li> <li>Rounding integers</li> <li>Negative Numbers</li> </ul> <p><b>Addition, subtraction, multiplication and division - 4 weeks</b></p> <ul style="list-style-type: none"> <li>Add and subtract integers</li> <li>Common factors and multiples</li> <li>Rules of divisibility</li> <li>Primes to 100</li> <li>Square and cubed numbers</li> <li>Multiply 4 digit by 2 digit number</li> <li>Solve problems with multiplication</li> <li>Short division</li> <li>Division using factors</li> <li>Long division</li> <li>Solve problems using division</li> <li>Solve multistep problems</li> </ul>	<p><b>Addition, subtraction, multiplication and division - 1 weeks. Continued from last half term.</b></p> <p><b>Fractions - 2 week</b></p> <ul style="list-style-type: none"> <li>Equivalent fractions, simplifying and on a number line</li> <li>Comparing and ordering fractions</li> <li>Adding and subtracting fractions</li> <li>Add mixed numbers</li> <li>Subtract mixed numbers</li> </ul> <p>Multi-step problems</p> <p><b>Fractions - 2 weeks</b></p> <ul style="list-style-type: none"> <li>Multiplying fractions by integers and fractions</li> <li>Dividing fractions by integers</li> <li>Mixed questions with fractions</li> <li>Fractions of an amount</li> </ul> <p><b>Converting Units - 1 week</b></p>	<p><b>Algebra - 2 weeks</b></p> <ul style="list-style-type: none"> <li>1 and 2 step function machines</li> <li>Substitutions</li> <li>Formulae</li> <li>Form equations</li> <li>Solve 1 and 2 step equations</li> <li>Find pairs of values</li> <li>Solve problems with two unknowns</li> </ul> <p><b>Decimals - 2 weeks</b></p> <ul style="list-style-type: none"> <li>Place value within 1</li> <li>Place value - integers and decimals</li> <li>Round decimals</li> <li>Add and subtract decimals Multiply by 10, 100 and 1,000</li> <li>Divide by 10, 100 and 1,000</li> <li>Multiply decimals by integers</li> <li>Divide decimals by integers</li> </ul> <p><b>Fractions, decimals and percentages - 1 week</b></p> <ul style="list-style-type: none"> <li>Decimal and fraction equivalents</li> <li>Fractions as division</li> <li>Understand percentages</li> <li>Fractions to percentages</li> </ul>	<p><b>Fractions, decimals and percentages - 1 week (continued from last half term)</b></p> <p><b>Area, perimeter and volume - 2 weeks</b></p> <ul style="list-style-type: none"> <li>Shapes - same area</li> <li>Area and perimeter</li> <li>Area of a triangle - counting squares</li> <li>Area of a right-angled triangle</li> <li>Area of any triangle</li> <li>Area of a parallelogram</li> <li>Volume - counting cubes</li> <li>Volume of a cuboid</li> </ul> <p><b>Statistics - 1 weeks</b></p> <ul style="list-style-type: none"> <li>Line graphs</li> <li>Dual bar charts</li> <li>Read and interpret pie charts</li> <li>Pie charts with percentages</li> <li>Draw pie charts</li> <li>The mean</li> </ul>	<p><b>Shape - 2 weeks</b></p> <p><b>Position and direction - 1 week</b></p> <p><b>SAT's preparation and revision.</b></p> <p><b>SATs tests</b></p>	<p><b>White Rose Investigations</b></p> <ul style="list-style-type: none"> <li>Barvember and problems of the day.</li> <li>WRM Tours</li> <li>The bakery</li> </ul>

<ul style="list-style-type: none"> <li>• Order of operations</li> <li>• Mental calculations and estimation</li> <li>• Reason from known facts</li> </ul>	<ul style="list-style-type: none"> <li>• Converting and calculating metric measures</li> <li>• Miles and kilometres</li> <li>• Imperial measures</li> </ul> <p><b>Ratio - 2 weeks</b></p> <ul style="list-style-type: none"> <li>• Use ratio language</li> <li>• Ratio and fractions</li> <li>• Scale drawing</li> <li>• Use scale factors</li> <li>• Similar shapes</li> <li>• Ratio problems</li> <li>• Proportion</li> </ul> <p><b>Consolidation - 1 week</b></p>	<ul style="list-style-type: none"> <li>• Equivalent fractions, decimals and percentages</li> <li>• Order fractions, decimals and percentages</li> <li>• Percentage of an amount - one step, multi-step, missing values</li> </ul> <p><b>Consolidation and mental maths strategies for SATs - 1 week</b></p>			
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