

**Year 5 Maths Long Term Planning 2024-2025**

<p><b>Autumn</b></p>	<p align="center"><b>Number - Place Value</b></p> <p>Roman numerals to 1000;          Numbers to 1,000,000;          Read and write numbers to 1,000,000;          Powers of 10;          Multiples of 10 more or less;          Partition numbers to 1,000,000          Number lines to 1,000,000          Compare and order numbers to 1,000,000          Round to the nearest 10, 100, 1000          Round within 100,000 and 1,000,000</p>		<p align="center"><b>Number - Addition and Subtraction</b></p> <p>Mental strategies;          Add and subtract whole numbers with more than 4 digits;          Rounding to check answers;          Inverse operations;          Multi-step addition and subtraction problems;          Find missing numbers</p>	<p align="center"><b>Number - Multiplication and Division</b></p> <p>Multiples;          Common multiples;          Factors;          Common factors;          Prime numbers;          Square numbers;          Cube numbers;          Multiply and divide by 10, 100, 1000;          Multiples of 10, 100, 1000</p>		<p align="center"><b>Number - Fractions</b></p> <p>Find fractions of a unit fraction and non-unit fraction          Recognise equivalent fractions;          Convert improper fractions to mixed numbers and visa versa;          Compare and order fractions less than 1;          Compare and order fractions greater than 1;          Add and subtract fractions including mixed numbers;</p>		
<p><b>Spring</b></p>	<p align="center"><b>Number – Multiplication and Division</b></p> <p>Multiply up to a 4-digit number by a 1-digit number;          Multiply up to a 4-digit number by a 2-digit number;          Solve problems with multiplication;          Short division;          Divide a 4-digit number by a 1-digit number;          Divide with remainders;          Efficient division;          Solve problems with multiplication and division</p>	<p align="center"><b>Number – Fractions</b></p> <p>Multiply a unit fraction and non-unit fraction by an integer;          Multiply a mixed number by an integer;          Calculate a fraction of a quantity;          Finding a fraction of an amount;</p>	<p align="center"><b>Number – Decimals and Percentages</b></p> <p>Decimals up to 2dp;          Equivalent fractions and decimals up to hundredths;          Linking equivalent fractions to decimals;          Looking at thousandths as decimals and fractions;          Order and compare decimals up to 3dp;          Rounding decimals to the nearest whole and decimal;          Understanding percentages;          Percentages as fractions and decimals;          Equivalent fractions, decimals and percentages</p>	<p align="center"><b>Measurement - Perimeter and Area</b></p> <p>Calculating perimeter of rectangles, rectilinear and polygons;          Calculating area of rectangles and compound shapes</p>		<p align="center"><b>Statistics</b></p> <p>Drawing, reading and interpreting line graphs;          Reading two-way tables;          Reading and interpreting timetables</p>		
<p><b>Summer</b></p>	<p align="center"><b>Geometry – Shape</b></p> <p>Understand and use degrees;          Classify and estimate angles;          Measure angles up to 180 degrees;</p>	<p align="center"><b>Geometry – Position and Direction</b></p> <p>Read and plot coordinates;</p>	<p align="center"><b>Number – Decimals</b></p> <p>Use known facts to add and subtract decimals within 1;          Complements to 1;          Add and subtract decimals across 1;</p>	<p align="center"><b>Number – Negative Numbers</b></p> <p>Understand negative numbers;</p>	<p align="center"><b>Measurement – Converting Units</b></p> <p>Kilograms and kilometres;          Millimetres and millilitres;</p>	<p align="center"><b>Measurement – Volume</b></p> <p>Cubic centimetres;          Compare and estimate volume;          Estimate capacity</p>		

	<p>Draw lines and angles accurately;          Calculate angles around a point and on a straight line;          Lengths and angles in shapes;          Regular and irregular polygons;          3D shapes</p>	<p>Problem solving with coordinates;          Translation and translation with coordinates;          Lines of symmetry;          Reflection in horizontal and vertical lines</p>	<p>Add and subtract decimals with the same and with different numbers of decimals;          Efficient strategies for adding and subtracting decimals;          Decimal sequences;          Multiply decimals by 10, 100, 1000;          Find missing values</p>	<p>Count through zero in ones and multiples;          Compare and order negative numbers</p>	<p>Convert units of length;          Convert between metric and imperial;          Convert units of time;          Calculate with timetables</p>		
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