

## Year 5 (2025-2026)

<b>Autumn</b>	<p><b>Place Value (3 weeks)</b></p> <p>Roman numerals to 1,000.          Numbers to 10,000.          Numbers to 100,000.          Numbers to 1,000,000.          Read and write numbers to 1,000,000.          Powers of 10.          !0/100/1,000/10,000/100,000 more or less.          Partition numbers to 1,000,000.          Compare and order numbers to 100,000.          Compare and order numbers to 1,000,000.          Round to the nearest 10, 100 or 1,000.          Round within 100,000.          Round within 100,000.          Round within 1,000,000</p>	<p><b>Addition and subtraction (3 weeks)</b></p> <p>Mental strategies.          Add whole numbers with more than four digits. (Place value counters then column addition).          Subtract whole numbers with more than four digits. (Place value counters than column addition).          Round to check answers.          Inverse operations (+ and -).          Multi-step addition and subtraction problems.          Compare calculations.          Find missing numbers.</p>	<p><b>Multiplication and division A (2 weeks)</b></p> <p>Multiples.          Common multiples.          Factors (systematic factor table).          Common factors.          Prime numbers.          Square numbers.          Cube numbers.          Multiply by 10, 100 and 1,000.          Divide by 10, 100 and 1,000.          Multiples of 10, 100 and 1,000.</p>	<p><b>Fractions A (4 weeks)</b></p> <p>Find fractions equivalent to a unit fraction.          Find fractions equivalent to a non-unit fraction.          Recognise equivalent fractions.          Y4 Count beyond 1.          Y4 Partition a mixed number.          Y4 Number lines with mixed numbers.          Y4 Compare and order mixed numbers.          Y4 Understand improper fractions.          Convert improper fractions to mixed numbers. (also in Y4 White Rose)          Convert mixed numbers to improper fractions. (also in Y4 White Rose)          Compare fractions less than 1.          Order fractions less than 1.          Compare and order fractions greater than 1.          Add and subtract fractions with the same denominator.          Add fractions within 1.          Add fractions with total greater than 1.          Add to a mixed number.          Add two mixed numbers.          Subtract fractions.          Subtract from a mixed number.          Subtract from a mixed number - breaking the whole.          Subtract two mixed numbers.</p>
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Spring	<p><b>Multiplication and division B (3 weeks)</b></p> <p>Multiply up to a 4-digit number by a 1-digit number <b>Maths bot (pictorial) - grid method - expanded formal method for all X - see policy)</b></p> <p>Multiply a 2-digit number by a 2-digit number.</p> <p>Multiply a 3-digit number by a 2-digit number,</p> <p>Multiply a 4-digit number by a 2-digit number.</p> <p>Solve problems with multiplication.</p> <p>Divide a 3-digit number by a 1-digit number <b>(Subtractive chunking)</b></p> <p>Divide a 4-digit number by a 1-digit number. <b>(Subtractive chunking)</b></p> <p>Solve problems with multiplication and division.</p>	<p><b>Fractions B (2 weeks)</b></p> <p>Multiply a unit fraction by an integer.</p> <p>Multiply a non-unit fraction by an integer.</p> <p>Multiply a mixed number by an integer.</p> <p>Calculate a fraction of a quantity.</p> <p>Fraction of an amount.</p> <p>Find the whole.</p> <p>Use fractions as operators.</p>	<p><b>Decimals and percentages (3 weeks)</b></p> <p>Decimals up to 2 decimal places.</p> <p>Equivalent fractions and decimals (tenths).</p> <p>Equivalent fractions and decimals (hundredths).</p> <p>Equivalent fractions and decimals.</p> <p>Thousandths as fractions.</p> <p>Thousandths as decimals.</p> <p>Thousandths on a place value chart.</p> <p>Order and compare decimals (same number of decimal places).</p> <p>Order and compare any decimals with up to 3 decimal places.</p> <p>Round to the nearest whole number.</p> <p>Round to 1 decimal place.</p> <p>Understand percentages.</p> <p>Percentages as fractions.</p> <p>Percentages as decimals.</p> <p>Equivalent fractions, decimals and percentages.</p>	<p><b>Add summer decimals Move to summer Perimeter and area (2 weeks)</b></p> <p>Perimeter of rectangles.</p> <p>Perimeter of rectilinear shapes.</p> <p>Perimeter of polygons.</p> <p>Area of rectangles.</p> <p>Area of compound shapes.</p> <p>Estimate area.</p>	<p><b>Last week of summer Statistics (2 weeks)</b></p> <p>Draw line graphs.</p> <p>Read and interpret line graphs.</p> <p>Read and interpret tables.</p> <p>Two-way tables.</p> <p>Read and interpret timetables.</p>

<b>Summer</b>	<b>Shape (3 weeks)</b>	<b>Position &amp; direction (2 weeks)</b>	<b>Decimals (3 weeks)</b>	<b>Negative numbers (1 week)</b>	<b>Converting units (2 weeks)</b>	<b>Measurement Volume (1 week)</b>
	<p>Understand and use degrees.            Classify angles.            Estimate angles.            Measure angles up to <math>180^\circ</math>.            Draw lines and angles accurately.            Calculate angles around a point.            Calculate angles on a straight line.            Lengths and angles in shapes.            Regular and irregular polygons.            3-D shapes.</p>	<p>Read and plot coordinates.            Problem solving with coordinates.            Translation.            Translation with coordinates.            Lines of symmetry.            Reflection in horizontal and vertical lines.</p>	<p>Use known facts to add and subtract decimals within 1.            Complements to 1.            Add and subtract decimals across 1.            Add decimals with the same number of decimal places.            Subtract decimals with the same number of decimal places.            Add decimals with different numbers of decimal places.            Subtract decimals with different number of decimal places.            Efficient strategies for adding and subtracting decimals.            Decimal sequences.            Multiply by 10, 100 and 1,000.            Divide by 10, 100 and 1,000/            Multiply and divide decimals - missing values.</p>	<p>Understand negative numbers.            Count through zero in 1s.            Count through zero in multiples.            Compare and order negative numbers.            Find the difference.</p>	<p>Kilograms and kilometres.            Millimetres and millilitres.            Convert units of length.            Convert between metric and imperial units.            Convert units of time.            Calculate with timetables.</p>	<p>Cubic centimetres.            Compare volume.            Estimate volume.            Estimate capacity.</p>