

# Maths Overview 2024-2025

## Year 4 Autumn Term 1

<u>Week 1</u>	<u>Week 2</u>	<u>Week 3</u>	<u>Week 4</u>	<u>Week 5</u>	<u>Week 6</u>	<u>Week 7</u>
<b>Number- Multiplication and Division</b>  I can recall multiplication and division facts for multiplication tables up to $12 \times 12$ (within 6 seconds)	<b>Number- Number and Place Value</b>  I can count in multiples of 6, 7, 9, 25 and 1,000 without any support.	<b>Number- Number and Place Value</b>  I can recognise the place value of each digit in a four-digit number	<b>Number- Number and Place Value</b>  I can find 1,000 more or less than a given number.  I can order and compare numbers beyond 1,000.  I can count backwards through 0 to include negative numbers.	<b>Assessment week</b>	<b>Number- Number and Place Value</b>  I can identify, represent and estimate numbers using different representations.  I can estimate and use inverse operations to check answers to a calculation.  I can round any number to the nearest 10, 100 or 1,000.	<b>Number- Number and Place Value</b>  I can read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of 0 and place value.

## Year 4 Autumn Term 2

<u>Week 1</u>	<u>Week 2</u>	<u>Week 3</u>	<u>Week 4</u>	<u>Week 5</u>	<u>Week 6</u>	<u>Week 7</u>	<u>Week 8</u>
<p><b>Number-Addition and Subtraction</b></p> <p>I can add numbers with up to 4 digits using the formal written method of columnar addition where appropriate.</p>	<p><b>Number-Addition and Subtraction</b></p> <p>I can subtract numbers with up to 4 digits using the formal written method of columnar subtraction where appropriate.</p>	<p><b>Number-Number and Place Value</b></p> <p>I can solve number and practical problems that involve all of the above and with increasingly large positive numbers.</p> <p>I can solve addition and subtraction two-step problems in contexts, deciding</p>	<p><b>Measurement</b></p> <p>I can measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres.</p>	<p><b>Number-Multiplication and Division</b></p> <p>I can recognise and use factor pairs and commutativity in mental calculations.</p>	<p><b>Assessment week</b></p>	<p><b>Number-Multiplication and Division</b></p> <p>I can multiply two-digit and three-digit numbers by a one-digit number using formal written layout.</p>	<p><b>Number-Multiplication and Division</b></p> <p>I can solve problems involving multiplying and adding, including using the distributive law to multiply two-digit numbers by 1 digit, integer scaling problems and harder correspondence problems such as <math>n</math> objects are connected to <math>m</math> objects.</p>

## Year 4 Spring Term 1

<u>Week 1</u>	<u>Week 2</u>	<u>Week 3</u>	<u>Week 4</u>	<u>Week 5</u>	<u>Week 6</u>
<p><b>Measurement</b></p> <p>I can find the area of rectilinear shapes by counting squares.</p>	<p><b>Measurement</b></p> <p>I can read, write and convert time between analogue and digital 12- and 24-hour clocks.</p> <p>I can solve problems involving converting from hours to minutes, minutes to seconds, years to months, weeks to days.</p>	<p><b>Measurement</b></p> <p>I can read, write and convert time between analogue and digital 12- and 24-hour clocks.</p> <p>I can solve problems involving converting from hours to minutes, minutes to seconds, years to months, weeks to days.</p>	<p><b>Assessment Week</b></p>	<p><b>Number- Fractions (including Decimals)</b></p> <p>I can recognise and show, using diagrams, families of common equivalent fractions.</p> <p>I can add and subtract fractions with the same denominator.</p>	<p><b>Number- Fractions (including Decimals)</b></p> <p>I can solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number.</p>

## Year 4 Spring Term 2

<u>Week 1</u>	<u>Week 2</u>	<u>Week 3</u>	<u>Week 4</u>	<u>Week 5</u>
<p><b>Geometry- properties of shapes</b></p> <p>I can identify lines of symmetry in 2-D shapes presented in different orientations.</p> <p>I can complete a simple symmetric figure with respect to a specific line of symmetry.</p>	<p><b>Geometry- properties of shapes</b></p> <p>I can identify acute and obtuse angles and compare and order angles up to 2 right angles by size.</p>	<p><b>Geometry- properties of shapes</b></p> <p>I can compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes</p>	<p><b>Assessment Week</b></p>	<p><b>Geometry- Position and Direction</b></p> <p>I can describe positions on a 2-D grid as coordinates in the first quadrant.</p> <p>I can describe movements between positions as translations of a given unit to the left/right and up/down.</p> <p>I can plot specified points and draw sides to complete a given polygon.</p>

## Year 4 Summer Term 1

<u>Week 1</u>	<u>Week 2</u>	<u>Week 3</u>	<u>Week 4</u>	<u>Week 5</u>	<u>Week 6</u>
<p><b>Measurement</b></p> <p>I can interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs.</p>	<p><b>Measurement</b></p> <p>I can solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs.</p>	<p><b>Number- Fractions (including Decimals)</b></p> <p>I can recognise and write decimal equivalents of any number of tenths or hundreds.</p>	<p><b>Assessment Week</b></p>	<p><b>Number- Fractions (including Decimals)</b></p> <p>I can find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths.</p>	<p><b>Number- Fractions (including Decimals)</b></p> <p>I can count up and down in hundredths; recognise that hundredths arise when dividing an object by 100 and dividing tenths by 10.</p>

## Year 4 Summer Term 2

<u>Week 1</u>	<u>Week 2</u>	<u>Week 3</u>	<u>Week 4</u>	<u>Week 5</u>	<u>Week 6</u>	<u>Week 7</u>
<p><b>Number- Multiplication and Division</b></p> <p>I can use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together 3 numbers.</p> <p>I can recall multiplication and division facts for multiplication tables up to <math>12 \times 12</math> (within 6 seconds).</p>	<p><b>Number- Multiplication and Division</b></p> <p>I can recall multiplication and division facts for multiplication tables up to <math>12 \times 12</math> (within 6 seconds).</p>	<p><b>Measurement</b></p> <p>I can convert between different units of measure [for example, kilometre to metre; hour to minute].</p> <p>I can estimate, compare and calculate different measures, including money in pounds and pence.</p>	<p><b>Number- Fractions (including Decimals)</b></p> <p>I can round decimals with 1 decimal place to the nearest whole number.</p>	<p><b>Number- Fractions (including Decimals)</b></p> <p>I can compare numbers with the same number of decimal places up to 2 decimal places.</p>	<p><b>Assessment Week</b></p>	<p><b>Number- Fractions (including Decimals)</b></p> <p>I can solve simple measure and money problems involving fractions and decimals to 2 decimal places.</p>