

Maths Assessment – Year 4

Terms to be looked at cumulatively for judgements (Autumn Term look at Autumn term only, Spring term look at Autumn and Spring terms etc)

Pupils who are judged as ‘working at expected standard’ will have demonstrated a secure understanding in the majority of objectives for the term.

Autumn Term	Spring Term	Summer Term
<u>Number and Place Value</u>	<u>Measure</u>	<u>Fractions and Decimals</u>
- count in multiples of 6, 7, 9 - find 1000 more or less than a given number - recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones) - identify, represent and estimate numbers using different representations - order and compare numbers beyond 1000 - solve number and practical problems that involve all of the above and with increasingly large positive numbers - order and compare numbers beyond 1000 - read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of zero and place value	measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres	- 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 - add and subtract fractions with the same denominator - recognise and show, using diagrams, families of common equivalent fractions
	<u>Multiplication and Division</u>	<u>Measure</u>
	- multiply two-digit and three-digit numbers by a one-digit number using formal written layout - solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit, integer scaling problems and harder correspondence problems such as which n objects are connected to m objects	- estimate, compare and calculate different measures, including money in pounds and pence - convert between different units of measure [e.g. kilometre to metre; hour to minute] - find the area of rectilinear shapes by counting squares
<u>Addition and Subtraction</u>	<u>Fractions and Decimals</u>	<u>Number and Place Value</u>
- add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate - estimate and use inverse operations to check answers to a calculation	- count up and down in hundredths; recognise that hundredths arise when dividing an object by a hundred and dividing tenths by ten - recognise and write decimal equivalents of any number of tenths or hundredths - compare numbers with the same number of decimal places up to two decimal places - solve simple measure and money problems involving fractions and decimals to two decimal places. - round decimals with one decimal place to the nearest whole number - recognise and write decimal equivalents to $\frac{1}{4}$; $\frac{1}{2}$; $\frac{3}{4}$ - 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	- count backwards through zero to include negative numbers. - Count in multiples of 25 and 1000, - Round any number to the nearest 10, 100 or 1000
<u>Statistics</u>		<u>Addition and Subtraction</u>
- solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs. - interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs		solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why.
<u>Multiplication and Division</u>		<u>Geometry</u>
- recall multiplication and division facts for multiplication tables up to 12 x 12 - use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers - recognise and use factor pairs and commutativity in mental calculations		- compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes - identify acute and obtuse angles and compare and order angles up to two right angles by size - identify lines of symmetry in 2-D shapes presented in different orientations - complete a simple symmetric figure with respect to a specific line of symmetry. - describe positions on a 2-D grid as coordinates in the first quadrant - describe movements between positions as translations of a given unit to the left/right and up/down - plot specified points and draw sides to complete a given polygon.
<u>Measure: Time</u>		
- read, write and convert time between analogue and digital 12 and 24-hour clocks - solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days		

**Revised and aligned to fit the 2026 – 2027 curriculum