



Number – fractions, decimals and percentages	Geometry – properties of shapes	Measurement
▶ Understand that a fraction is one whole number divided by another (e.g. $\frac{3}{4}$ can be interpreted as $3 \div 4$). ▶ <u>Recognise, find and write fractions of a discrete set of objects including those with a range of numerators and denominators.</u> ▶ Recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten. ▶ Count on and back in steps of unit fractions. ▶ Compare and order unit fractions and fractions with the same denominators (including on a number line). ▶ <u>Recognise and show, using diagrams, families of common equivalent fractions.</u> ▶ <u>Recognise and write decimal equivalents of any number of tenths or hundredths.</u> ▶ Recognise and write decimal equivalents to $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$. ▶ <u>Add and subtract fractions with the same denominator (using diagrams).</u> ▶ 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. ▶ Solve simple measure and money problems involving fractions and decimals to two decimal places.	▶ <u>Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes.</u> ▶ <u>Identify lines of symmetry in 2-D shapes presented in different orientations.</u> ▶ Complete a simple symmetric figure with respect to a specific line of symmetry. ▶ <u>Continue to identify horizontal and vertical lines and pairs of perpendicular and parallel lines.</u> ▶ <u>Identify acute and obtuse angles and compare and order angles up to two right angles by size.</u>	▶ <u>Estimate, compare and calculate different measures, including money in pounds and pence.</u> ▶ Order temperatures including those below 0°C. ▶ Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres. ▶ <u>Know area is a measure of surface within a given boundary.</u> ▶ Find the area of rectilinear shapes by counting squares. ▶ <u>Convert between different units of measure [e.g. kilometre to metre; hour to minute].</u> ▶ Read, write and convert time between analogue and digital 12- and 24-hour clocks. ▶ <u>Write amounts of money using decimal notation.</u> ▶ Recognise that one hundred 1p coins equal £1 and that each coin is $\frac{1}{100}$ of £1. ▶ Solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days and problems involving money and measures.
	Geometry – position and direction ▶ <u>Describe positions on a 2-D grid as coordinates in the first quadrant.</u> ▶ Plot specified points and draw sides to complete a given polygon. ▶ Describe movements between positions as translations of a given unit to the left/right and up/down.	
		Statistics ▶ Use a variety of sorting diagrams to compare and classify numbers and geometric shapes based on their properties and sizes. ▶ Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts, time graphs. ▶ Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs.