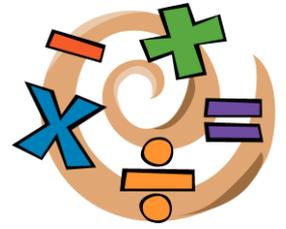




Mathematics

Shape, Space & Measures



Name: _____

By the end of Year 5...

To understand the properties of shapes				I can estimate and compare acute, obtuse and reflex angles .
				I can draw given angles , and measure them in degrees (°) .
				I can identify angles at a point and one whole turn (total 360°) .
				I can identify angles at a point on a straight line and a turn (total 180°) .
				I can identify other multiples of 90° .
				I can identify 3-D shapes , including cubes and other cuboids, from 2-D representations .
				I know the difference between regular and irregular polygons .
				I understand the terminology parallel and perpendicular .
To describe position, direction and movement				I can use the properties of rectangles to deduce related facts and find missing lengths and angles.
				I understand the terminology reflection and translation .
				I can draw 2-D shapes in different positions on a grid following translation.
				I can draw reflections of shapes on a horizontal and vertical mirror line and on a mirror line at 45°.
To use measures				I can describe positions on a coordinate grid , with two quadrants.
				I can convert between different units of metric measure .
				I understand and use approximate equivalences between metric units and common imperial units such as inches, pounds and pints.
				I can estimate volume and capacity .
				I can measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres.
				I can calculate and compare the area of rectangles (including squares), using standard units (square centimetres (cm ²) and square metres (m ²) and estimate the area of irregular shapes .
				I can solve problems involving converting between units of time
To use statistics				I can use all four operations to solve problems involving measure using decimal notation, including scaling.
				I recognise the difference between discrete and continuous data .
				I can solve comparison, sum and difference problems using information presented in a line graph.
				I can decide which representation of data is most appropriate, including graphs, table and Carroll and Venn diagrams.
				I can interpret simple pie charts .
To use algebra				I can complete, read and interpret information in tables , including timetables.
				I can use simple formulae .
				I can express missing number problems algebraically .
				I can find pairs of numbers that satisfy an equation with two unknowns .
			I can enumerate possibilities of combinations of two variables .	
			I can solve number puzzles.	