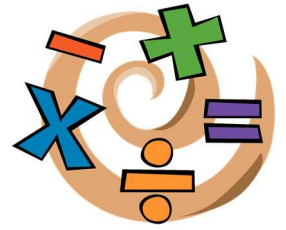




Mathematics

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 ($^{\circ}$).
		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 half 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 based on reasoning about equal sides and angles
		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 identify, describe and represent the position of a shape following a reflection or translation .
		I can draw reflections of shapes on a horizontal and vertical mirror line.
To use measures		I can describe positions on a coordinate grid , in the first quadrant.
		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
		I can calculate the area of a composite shape .
To use statistics		I can use all four operations to solve problems involving measure using decimal notation, including scaling.
		I can interpret information in line graphs .
		I can solve comparison, sum and difference problems using information presented in a line graph.
	I can complete, read and interpret information in tables , including timetables.	