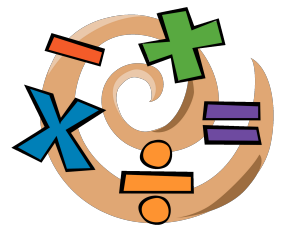




Mathematics

Shape, Space & Measure



Name: _____

By the end of Year 2...

To understand the properties of shapes			<p>*I can identify and describe the properties of 2-D shapes, including the number of sides and the number of corners. (<i>polygons and quadrilaterals</i>)</p> <p>*I can identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces. (<i>cuboids, prisms and cones</i>)</p>
			<p>*I can identify vertical lines of symmetry in 2-D shapes.</p> <p>*I can name 2-D shapes on the surface (face) of 3-D shapes.</p> <p>*I can compare and sort common 2-D and 3-D shapes and everyday objects.</p>
To describe position, direction and movement			<p>*I can use mathematical vocabulary to describe position, direction and movement:</p> <ul style="list-style-type: none"> - movement in a straight line; - rotation as a turn; - right angles for quarter, half and three- quarter turns (clockwise and anticlockwise).
			<p>*I can order and arrange combinations of mathematical objects in patterns and sequences.</p>
To use measures			<p>*I can use measuring apparatus, such as rulers, scales, thermometers and measuring vessels, to measure the following to the nearest appropriate unit:</p> <ul style="list-style-type: none"> - length/height in cm/m - mass in kg/g - temperature in °C- - capacity in ml/l. <p>*I can use >, < and = to compare and order lengths, mass and volume/capacity.</p>
			<p>*I recognise and use the symbols £ (<i>pounds</i>) and p (<i>pence</i>).</p> <p>*I can combine amounts to make particular values.</p> <p>*I know that there are 100p in £1.</p> <p>*I can find different combinations of coins that equal the same amount of money.</p> <p>*I can solve simple and practical addition and subtraction problems involving money of the same unit, including giving change.</p>
			<p>*I know the number of minutes in an hour and the number of hours in a day.</p> <p>*I can tell and write the time to five minutes and draw the hands on a clock face to show these times. (<i>including quarter past/to the hour</i>)</p> <p>*I can compare and sequence intervals of time.</p>
To use statistics			<p>*I can interpret and construct simple pictograms, tally charts, block diagrams and simple tables.</p>
			<p>*I can ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity.</p> <p>*I can ask and answer questions about totalling and comparing categorical data. (<i>most common and least popular</i>)</p>
To use algebra			<p>*I can solve addition and subtraction problems involving missing numbers.</p> <p>($23 = \square + 3$ / $23 = 10 + \square$)</p>