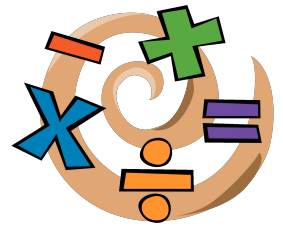




Mathematics

Shape, Space & Measures



Name: _____

By the end of Year 3...

To understand the properties of shapes			<ul style="list-style-type: none"> *I can draw 2-D shapes and make 3-D shapes using modelling materials. *I can recognise 3-D shapes in different orientations and describe them.
			<ul style="list-style-type: none"> *I can recognise angles as a property of shape or a description of a turn. *I can identify right angles. *I can recognise that two right angles make a half turn, three make three quarters of a turn and four make a complete turn. *I can identify whether angles are greater than or less than a right angle.
			<ul style="list-style-type: none"> *I can identify horizontal and vertical lines and pairs of perpendicular and parallel lines. *I can identify lines of symmetry in 2-D shapes presented in different orientations.
To describe position, direction and movement			<ul style="list-style-type: none"> *I am beginning to use the terminology for position, direction and movement to give directions: left/right, clockwise/anticlockwise, 90°.
			<ul style="list-style-type: none"> *I can identify the x and y axis on a coordinate grid.
To use measures			<ul style="list-style-type: none"> *I can measure, compare, add and subtract: <ul style="list-style-type: none"> - lengths/heights (m/cm/mm) - mass/weight (kg/g) - volume/capacity (l/ml).
			<ul style="list-style-type: none"> *I can measure the perimeter of simple 2-D shapes. *I am beginning to find the area of rectilinear shapes by counting squares inside a shape.
			<ul style="list-style-type: none"> *I can tell and write the time from an analogue clock, including and 12-hour and 24-hour clocks. *I can tell and write the time from an analogue clock that uses Roman numerals from I to XII. *I can estimate and read time with increasing accuracy to the nearest minute. *I can record and compare time in terms of seconds, minutes and hours. *I know the number of seconds in a minute and the number of days in each month, year and leap year. *I can compare durations of events.
			<ul style="list-style-type: none"> *I can add and subtract amounts of money to give change (£ and p).
To use statistics			<ul style="list-style-type: none"> *I can interpret and present data using bar charts, pictograms, tally charts and tables.
			<ul style="list-style-type: none"> *I can solve one-step and two-step questions (e.g. 'How many more?' and 'How many fewer?') using information presented in scaled bar charts, pictograms and tables.
To use algebra			<ul style="list-style-type: none"> *I can solve simple missing numbers problems involving addition, subtraction, multiplication and division. E.g. $146 = a + 16$; Rapunzel's hair is 8 times the height of Sally's (20cm). $R = 8(20\text{cm})$.