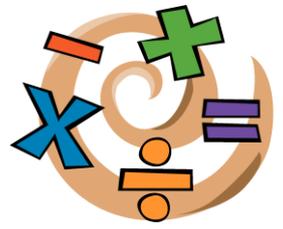




Mathematics

Shape, Space & Measures



Name: _____

By the end of Year 3...

To understand the properties of shapes			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.
			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 .
			I can identify horizontal and vertical lines and pairs of perpendicular and parallel lines .
To describe position, direction and movement			I am beginning to use the terminology for position, direction and movement to give directions : left/right, clockwise/anticlockwise, 90°.
			I can identify the x and y axis on a coordinate grid .
			I am beginning to write and plot coordinates in the first quadrant .
To use measures			I can measure, compare, add and subtract : - lengths/heights (m/cm/mm) - mass/weight (kg/g) - volume/capacity (l/ml).
			I can measure the perimeter of simple 2-D shapes .
			I can tell and write the time from an analogue clock , including 24-hour and 12-hour clocks.
			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 .
			I can add and subtract amounts of money to give change (£ and p).
To use statistics			I can interpret and present data using bar charts, pictograms, tally charts and tables.
			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			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). $R = 8(20\text{cm})$.