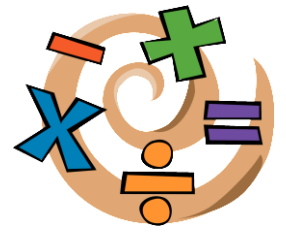




# Mathematics

## Shape, Space & Measure

### By the end of Year 1...



To understand the properties of shapes		*I can name common 2-D shapes. <i>(rectangles, squares, circles, triangles)</i>
		*I can name common 3-D shapes. <i>(cuboids, cubes, pyramids, spheres)</i>
		*I can name 2-D shapes when they are in different orientations and sizes.
To describe position, direction and movement		*I can use the vocabulary: forward and backwards to describe movement.
		*I can use the vocabulary such as next to, behind, under and on top of to describe position.
		*I can use the vocabulary of turns to describe direction and movement ( <i>whole, half, quarter and three-quarter turns</i> )
		*I can copy and continue a simple pattern of objects, shapes or numbers.
To use measures		*I can compare, describe and solve practical problems for -lengths and heights ( <i>objects that are shorter/longer than 1m, double/half the height; tall/short</i> ) - mass/weight ( <i>heavier/lighter than 500g</i> ) -capacity and volume ( <i>hold more/less than 1 litre can be found; half full/ empty</i> ) - time ( <i>quicker/slower; earlier/later</i> )
		*I can measure and begin to record: ( <i>using counting, drawings, rulers, scales and containers</i> ) -lengths and heights -mass/weight -capacity and volume -time ( <i>hours, minutes, seconds</i> ).
		*I can recognise and know the value of different denominations of coins and notes.
		*I can sequence events in chronological order using language such as first, second, last, etc...
		*I can recognise and use language relating to dates, including days of the week, weeks, months and years
		*I can tell the time to the hour ( <i>o'clock</i> ).
		*I can tell the time half past the hour and draw the hands on a clock face to show these times.
To use statistics		*I am beginning to construct simple pictograms and block diagrams using pictures.
		* I am beginning to total and compare data using tally charts and tables with support.
		*I can sort using one or two simple criteria. ( <i>boy/girl</i> )
To use algebra		*I can solve simple addition and subtraction problems involving missing numbers ( $7 = 9 - \square$ ).