Mathematics
Shape, Space & Measures
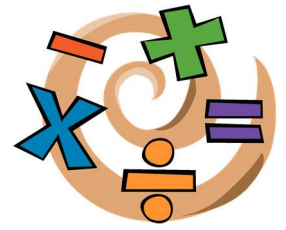
Name: _____

By the end of Year 2...

To understand the properties of shapes			I can identify and describe the properties of **2-D shapes**, including the number of sides and the number of corners. (*polygons and quadrilaterals*)
			I can identify and describe the properties of **3-D shapes**, including the number of edges, vertices and faces. (*cuboids, prisms and cones*)
			I can identify vertical **lines of symmetry in 2-D shapes**.
			I can draw a 2D shape using a **straight edge**.
			I can name 2-D shapes on the **surface (face)** of 3-D shapes.
			I can compare and sort common 2-D and 3-D shapes and everyday objects.
To describe position, direction and movement			I can use mathematical vocabulary to describe **position, direction and movement**: - movement in a straight line; - rotation as a turn and in terms of right angles for quarter, half and three- quarter turns (clockwise and anticlockwise).
			I can order and arrange combinations of mathematical objects in **patterns and sequences**.
To use measures			I can use **measuring apparatus**, such as rulers, scales, thermometers and measuring vessels, to measure the following to the nearest appropriate unit: - length/height in cm/m - mass in kg/g - temperature in °C- - capacity in ml/l.
			I can use **>, <** and **=** to compare and order **lengths, mass and volume/capacity**.
			I recognise and use the symbols **£ (*pounds*) and p (*pence*).**
			I can **combine amounts** to make particular values
			I can find **different combinations of coins** that equal the same amount of money.
			I can **count and recognise coins**.
			I can solve simple and practical **addition and subtraction problems involving money** of the same unit, including giving change.
			I know the number of **minutes in an hour** and the number of **hours in a day**.
			I can compare and sequence **intervals of time**.
			I can tell and write the **time to five minutes** and **draw the hands on a clock face** to show these times. (*including quarter past/to the hour*)
To use statistics			I can interpret and construct simple **pictograms, tally charts, block diagrams and simple tables**.
			I can ask and answer simple questions by **counting the number of objects in each category and sorting the categories by quantity**.
			I can ask and answer questions about **totalling and comparing categorical data**. (*most common and least popular*)