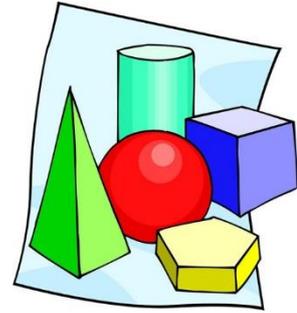




Shape, space and measures

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 name 2-D shapes on the surface (face) of a 3-D shape.
- ✓ 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; 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 know that there are 100p in £1.
- ✓ I can find different combinations of coins that equal the same amount of money.
- ✓ 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 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).
- ✓ I can compare and sequence intervals of time.

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).

To use algebra:

- I can solve addition and subtraction problems involving missing numbers. ($23 = \square + 3$ / $23 = 10 + \square$)