Properties of Shape

Identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line.
I can notice and explain the properties of 2-D shapes e.g. the number of sides and line symmetry.

Identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces.
I can notice and explain the properties of 3-D shapes e.g. the number of edges, vertices and faces.

Identify 2-D shapes on the surface of 3-D shapes e.g. a circle on a cylinder and a triangle on a pyramid.
I can spot 2-D shapes on the surface of 3-D shapes such as a circle on a cylinder and a triangle on a pyramid.

Compare and sort common 2-D and 3-D shapes and everyday objects describing similarities and differences e.g. find 2 different 2-D shapes that only have one line of symmetry; that a cube and a cuboid have the same number of edges, faces and vertices and describe what is different about them.
I can compare and sort common 2-D and 3-D shapes and everyday objects.

Position and Direction

Order and arrange combinations of mathematical objects in patterns and sequences.
I can order mathematical objects in patterns and sequences.

Use mathematical vocabulary to describe position, direction and movement, including movement in a straight line and distinguishing between rotation as a turn and in terms of right angles for quarter, half and three-quarter turns (clockwise and anti-clockwise).
I can use mathematical vocabulary to describe position, direction and movement. This could include movement in a straight line.

Statistics

Interpret and construct simple pictograms, tally charts, block diagrams and simple tables.
I can read and draw simple pictograms, tally charts, block diagrams and simple tables.

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 simple questions by counting the number of objects in each category and sorting the categories by quantity.

Ask and answer questions about totalling and comparing categorical data.
I can ask and answer questions about totalling and comparing grouped data.

Fractions

Recognise, find, name and write fractions 1/3, 1/4, 2/4 and 3/4 of a length, shape, set of objects or quantity and demonstrate understanding that all parts must be equal parts of the whole.
I can find, name and write fractions of a length, shape, set of objects or amount, including 1/3, 1/4, 2/4, and 3/4.

Write simple fractions for example, 1/2 of 6 = 3 and recognise the equivalence of 2/4 and 1/2.
I can write simple fractions facts such as 1/2 of 6 = 3 and 2/4 = 1/2.

Measurement

Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature (°C); capacity (litres/ml), to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels.
I can choose the right units to measure length, height, mass, temperature or capacity. I can read to the nearest unit and do this on rulers or scales.

Compare and order lengths, mass, volume/capacity and record the results using >, < and =.
I can compare amounts using these signs: >, < or =.

Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value.
I can use the £ sign and p sign. I can use notes and coins to make a particular amount.

Find different combinations of coins that equal the same amounts of money.
I can find different ways for coins to add up to an amount.

Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change.
I can add and subtract money and give change.

Compare and sequence intervals of time.
I can put different events in order and compare them.

Tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times.
I can tell the time to 5 minutes. I can tell when it is quarter past or quarter to an hour. I can draw these on a clock.

Remember the number of minutes in an hour and the number of hours in a day.
I can tell you how many minutes are in an hour and how many hours are in a day.

Read scales in divisions of ones, twos, fives and tens in a practical situation where all numbers on the scale are given e.g. read the temperature on a thermometer or measure capacities using a measuring jug.
I can read scales in divisions of ones, twos, fives and tens.

Read scales in divisions of ones, twos, fives and tens in a practical situation where not all numbers on the scale are given e.g. a number line with missing labels.
I can read scales in divisions of ones, twos, fives and tens when some numbers are missing.

Read the time on a clock to the nearest 15 minutes.
I can read the time on a clock to the nearest quarter of an hour.