**Measurement: Length and Height (Year 1)**

\*Measure and begin to record lengths and heights.

\*Compare, describe and solve practical problems for: lengths and heights (for example, long/short, longer/shorter, tall/short, double/half)   
**(Year 2)**\*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

\*Compare and order lengths, mass, volume/capacity and record the results using >, < and =   
**Measurement: Weight and Volume**

\*Measure and begin to record mass/weight, capacity and volume.

\*Compare, describe and solve practical problems for mass/weight: [for example, heavy/light, heavier than, lighter than]; capacity and volume [for example, full/empty, more than, less than, half, half full, quarter]

**Number – fractions**

\*Recognise, find, name and write fractions 13, 14, 24 and 34 of a length, shape, set of objects or quantity.

\*Write simple fractions for example, 12 of 6 = 3 and recognise the equivalence of 24 and 12.

**Geometry- properties of shape (Year 2)**

\*Identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line.

\*Identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces.

\*Identify 2-D shapes on the surface of 3-D shapes, [for example, a circle on a cylinder and a triangle on a pyramid.]

Compare and sort common 2-D and 3-D shapes and everyday objects.

**Statistics (year 2)**

\*Interpret and construct 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.

\*Ask and answer questions about totalling and comparing categorical data.

Maths overview Spring

**Multiplication and Division (Year 2)**

\*Recall and use multiplication and division facts for the 2, 5 and 10 times tables, including recognising odd and even numbers.

\*Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (x), division (÷) and equals (=) sign.

\*Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods and multiplication and division facts, including problems in contexts.

\*Show that the multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot.

**Place Value (Year 1)**\*Count to twenty, forwards and backwards, beginning with 0 or 1, from any given number.   
\*Count, read and write numbers from 1 to 20 in numerals and words.   
\*Given a number, identify one more or one less.

\*Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least.   
\*Count to **50** forwards and backwards, beginning with 0 or 1, or from any number.

\*Count, read and write numbers to **50** in numerals.

\*Given a number, identify one more or one less.

\*Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least.

\*Count in multiples of twos, fives and tens.

**Addition and Subtraction (Year1)**\*Represent and use number bonds and related subtraction facts within 20

\*Read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs.

\*Add and subtract one-digit and two-digit numbers to 20, including zero.

\*Solve one step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7= ꙱ – 9