Year Two Key Objectives in Numeracy

Count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward
Recognise the place value of each digit in a two-digit number
Identify, represent and estimate numbers using different representations, including the number line
Compare and order numbers from 0 up to 100; use <, > and = signs
Read and write numbers to at least 100 in numerals and words
Use place value and number facts to solve problems; recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100
Solve problems with addition and subtraction using concrete objects and pictorial representations, including those involving numbers, quantities and measures
Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: TU+U, TU+T, TU+TU and U+U+U
Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems.
Show that multiplication of 2 numbers can be done in any order and division of one number by another cannot
Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers
Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (×), division (÷) and equals (=) signs
Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods.
Recognise, find, name and write fractions 1/3, 1/4 , 2/4 and 3/4 of a length, shape, set of objects or quantity
Write simple fractions for example, 1/2 of 6 = 3 and recognise the equivalence of 2/4 and 1/2.
Chose and use appropriate standard units to estimate and measure length/height/mass/temperature/capacity, to the appropriate unit using measuring equipment
Compare and order lengths, mass, volume/capacity and record the results using <, > and =
Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value
Solve simple problems in a practical context involving addition and subtraction of money in the same unit, including giving change
Compare and sequence intervals of time
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
Know the number of minutes in an hour and the number of hours in a day
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

Compare and sort common 2-D and 3-D shapes and everyday objects
Order and arrange combinations of 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)
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