Maths Year 2

Number and Place Value

I can count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backwards.

I can recognise the place value of each digit in a two-digit number (tens, ones).

I can identify, represent and estimate numbers using different representations, including the number line.

I can compare and order numbers from 0 up to 100; use <, > and = signs.

I can read and write numbers to at least 100 in numerals and in words.

I can Use reasoning about place value and number facts to solve problems

Number - addition and subtraction

I can solve problems with addition and subtraction using concrete objects and pictorial representations, involving numbers, quantities and measures.

I can solve problems with addition and subtraction applying my increasing knowledge of mental and written methods.

I can recall and use addition and subtraction facts to 20 fluently, and derive and uses related facts up to 100.

I can add and subtract numbers using concrete objects, pictorial representations, and mentally, including a 2-digit number and 1's.

I can add and subtract numbers using concrete objects, pictorial representations, and mentally, including a 2-digit number and 10's.

I can add and subtract numbers using concrete objects, pictorial representations, and mentally, including two 2-digit numbers.

I can add and subtract numbers using concrete objects, pictorial representations, and mentally, including adding 3 single-digit numbers.

I can show that addition of two numbers can be done in any order and subtraction of one number from another cannot.

I recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems.

Geometry-Properties of shapes

I can identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line.

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

I can identify 2-D shapes on the surface of 3-D shapes.

I can compare and sort common 2-D and 3-D shapes and everyday objects.

Geometry-Position & direction

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

I Use mathematical vocabulary to describe position, direction and movement.

I can distinguish between rotation as a turn and in terms of right angles for quarter, half and three-quarter turns (clockwise and anti-clockwise).

Statistics

I interpret and construct simple pictograms, tally charts, block diagrams and simple tables.

I ask and answer simple questions by counting the number of objects in each category and sort the categories by quantity.

I ask and answer questions about totalling and comparing categorical data.

Number - multiplication and division

I can recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables.

I can calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication ($\times$), division ($\div$) and equals ($=$) signs.

I can show that multiplication of two numbers can be done in any order and division of one number by another cannot.

I can solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts.

I can recognises odd and even numbers and explains how you know a particular number is odd or even.

I can make connections between multiplication and division by 2 and doubling and halving, using these to reason about problems and calculations.

Measurement

I can 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 compare and order lengths, mass, volume/capacity and record the results using >, < and =

I can recognise and use symbols for pounds (£) and pence (p); combining amounts to make a particular value.

I can find different combinations of coins that equal the same amounts of money.

I can solve simple problems in a practical context involving addition and subtraction of money, including giving change.

I can compare and sequences intervals of time.

I can tell and write the time to five minutes, including quarter past/to the hour.

I can draw the hands on a clock face to show these times

I know the number of minutes in an hour and the number of hours in a day.

Number - Fractions

I can recognise, find, name and write fractions 1/3, 1/4, 2/4 and 3/4 of a length, shape, set of objects or quantity.

I can rite simple fractions for example, 1/2 of 6 = 3 and recognises the equivalence of 2/4 and 1/2.