Y2 Maths Statements

Place Value

- count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward (A1)
- recognise the place value of each digit in a two-digit number (tens, ones) (A1)
- identify, represent and estimate numbers using different representations, including the number line (A1)
- compare and order numbers from 0 up to 100; use <, > and = signs (A1)
- read and write numbers to at least 100 in numerals and in words (A1)
- use place value and number facts to solve problems. (A1)

Addition and Subtraction

- solve problems with addition and subtraction: using concrete objects and pictorial representations, including those involving numbers, quantities and measures (A2)
- applying their increasing knowledge of mental and written methods (A2)
- recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100 (A2)
- add and subtract numbers using concrete objects, pictorial representations, and mentally, including: a two-digit number and ones, a two-digit number and tens, two two-digit numbers, adding three one-digit numbers (A2)
- show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot (A2)
- recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems. (A2)

Geometry

- identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line (Sp3)
- identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces (Sp3)
- identify 2-D shapes on the surface of 3-D shapes [for example, a circle on a cylinder and a triangle on a pyramid] (Sp3)
- compare and sort common 2-D and 3-D shapes and everyday objects. (Sp3)
- order and arrange combinations of mathematical objects in patterns and sequences (Sp3) (Su1)
- 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). (Sp3) (Su1)

Multiplication and Division

- recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers (A4) (Sp1)
- calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (×), division (÷) and equals (=) signs (A4) (Sp1)
- show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot (A4) (Sp1)
- solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts. (A4) (Sp1)

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 (Sp5) (Su4)
- compare and order lengths, mass, volume/capacity and record the results using >, < and = (Sp5) (Su4)
- recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value (A3)
- find different combinations of coins that equal the same amounts of money (A3)
- solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change (A3)
- compare and sequence intervals of time (S3)
- 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 (S3)
- know the number of minutes in an hour and the number of hours in a day. (S3)

FDP

- recognise, find, name and write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, set of objects or quantity (Sp4)
- write simple fractions for example, $\frac{1}{2}$ of 6 = 3 (Sp4)
- recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$ (Sp4)

Algebra

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

Statistics

- interpret and construct simple pictograms, tally charts, block diagrams and simple tables (Sp2)
- ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity (Sp2)
- ask and answer questions about totalling and comparing categorical data. (Sp2)