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| **Year 2 Maths Statements** |
| **Number** |
| **Number and Place Value*** 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 (tens, ones)
* 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 in words
* Use place value and number facts to solve problems
 | **Addition and Subtraction**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
* Show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot
* Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number 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
* applying their increasing knowledge of mental and written methods
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| **Multiplication and Division*** 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
* Show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot
* Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts
 | **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
* Write simple fractions for example, 1/2 of 6 = 3 and recognise the equivalence of 2/4 and 1/2
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| **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
* 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
* Find different combinations of coins that equal the same amounts of money
* Solve simple problems in a practical context involving addition and subtraction of money of 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
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| **Geometry** |
| **Properties of Shapes*** 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
 | **Position and Direction*** 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).
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| **Statistics** |
| * 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
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