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
- 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
- Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100
- 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.

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, ¼, 2/4 and 3/4 of a length, shape, set of objects or quantity
- Write simple fractions for example, ½ of 6 = 3 and recognise the equivalence of 2/4 and ½.

Measures
- 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.

Geometry – Properties of shape

- 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.

Geometry – 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 anticlockwise).

Number Skills

Number skills which children need to know before starting year 2. Practice these skills over the summer ready for Year 2.

Year 1 number skills	My child can
Count to and across 100 from any given number in 1's	
Order 2 digit numbers to 100	
Identify 1 more or one less from any given number	
Identify 10 more or 10 less from any given number	
Count in 2s, 5s and 10s	
Count in odd and even numbers	
Compliments to 10 e.g 2+8	
Addition facts for any number within 10 (eg 2 +1, 5 + 4)	
Doubling and halving (from double 1 to double 10 and half of 2 to half 20)	
Recognise odd and even numbers to 20	

From September, children will practise the following basic number and counting skills. They need to know them by heart and be able to apply them to their maths work. Children need to practise these facts at home to reinforce learning from school to help them become fluent.

Year 2 number skills
Order 3 digit numbers to 1,000
Count in steps of 2,3,5 from 0 and 10's from any given number forward and backwards.
Number facts for numbers to 12
Know what must be added to a 2 digit number to make the next multiple of 10 (52 + ? = 60).
Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables
Compliments to 20 e.g 4+16
Compliments to 100 in multiples of 10 e.g 3+7, 30+70
Count in fractions of ½ to 10
Recognise odd and even numbers to 100
Doubling and halving (from double 1 to double 20 and half of 2 to half 40)
Time (o'clock, half past, quarter to and quarter past, 5 mins, hour more, hour less)