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
Number - 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 digits 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 tis to check calculations and solve missing number problems
Number - 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 (x) , 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 context
Number - Fractions
• Recognise, find, name and write fractions 1/3, ¼, 2/4 and ¾ 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
Measurement
• Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm), mass (kg/g), temperature (degrees C), capacity (l/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 amount 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 Shapes
• Identify and describe the properties of 2D shapes, including the number of sides and line symmetry in a vertical line
• Identify and describe the properties of 3D shapes, including the number of edges, vertices and faces
• Identify 2D shapes on the surface of 3D shapes, (for example, a circle on a cylinder and a triangle on a pyramid)
• Compare and sort common 2D and 3D 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 term of right angles for quarter, half and three quarters turns (clockwise and anti-clockwise)
Statistics
• Interpret and construct simple pictograms, tally charts, block diagrams and simple tables
• Ask and answer simple question 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