### **Number and Place Value**

- Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number.
- Count, read and write numbers to 100 in numerals, count in different multiples including ones, twos, fives and tens.
- Given a number, identify one more and one less.
- Identify and represent numbers using concrete objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least.
- Read and write numbers from 1 to 20 in digits and words.

#### **Addition and Subtraction**

- Read, write and interpret mathematical statements involving addition (+), subtraction
  (-) and equals (=) signs.
- Represent and use number bonds and related subtraction facts within 20.
- Add and subtract one-digit and two-digit numbers to 20 (9 + 9, 18 9), including zero.
- Solve simple one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems.

# **Multiplication and Division**

 Solve simple one-step problems involving multiplication and division, calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher.

#### **Fractions**

- Recognise, find and name a half as one of two equal parts of an object, shape or quantity.
- Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity.

#### Measures

- Compare, describe and solve practical problems for:
  - Lengths and heights (e.g. long/short, longer/shorter, tall/short, double/half)
  - Mass or weight (e.g. heavy/light, heavier than, lighter than)
  - Capacity/volume (full/empty, more than, less than, quarter)
  - Time (quicker, slower, earlier, later)
- Measure and begin to record the following:
  - · Lengths and heights
  - Mass/weight
  - · Capacity and volume
  - Time (hours, minutes, seconds)
- Recognise and know the value of different denominations of coins and notes.
- Sequence events in chronological order using language such as: before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening.
- Recognise and use language relating to dates, including days of the week, weeks, months and years.
- Tell the time to the hour and half past the hour and draw the hands on a clock face to show these times.

# **Geometry: Properties of Shapes**

- Recognise and name common 2-D and 3-D shapes, including:
  - 2-D shapes (e.g. rectangles (including squares), circles and triangles).
  - 3-D shapes (e.g. cuboids (including cubes), pyramids and spheres).

### **Geometry: Position, Direction and Motion**

- Order and arrange combinations of objects and shapes in patterns.
- Describe position, directions and movements, including half, quarter and three-quarter turns.

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