



## Year 1

# National Curriculum Maths Objectives

### **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 multiples of twos, fives and tens
- ★ given a number, identify one more and one less
- ★ identify and represent numbers using 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 numerals 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, including zero
- ★ solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as  $7 = [ ] - 9$

### **Multiplication and Division**

- ★ solve one-step problems involving multiplication and division, by 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

### **Measurement**

- ★ compare, describe and solve practical problems for: lengths and heights [for example, long/short, longer/shorter, tall/short, double/half]
- ★ compare, describe and solve practical problems for: mass/weight [for example, heavy/light, heavier than, lighter than]
- ★ compare, describe and solve practical problems for: capacity and volume [for example, full/empty, more than, less than, half, half full, quarter]
- ★ compare, describe and solve practical problems for: time [for example, quicker, slower, earlier, later]
- ★ measure and begin to record the following: lengths and heights
- ★ measure and begin to record the following: mass/weight
- ★ measure and begin to record the following: capacity and volume
- ★ measure and begin to record the following: time (hours, minutes, seconds)
- ★ recognise and know the value of different denominations of coins and notes
- ★ sequence events in chronological order using language [for example, 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: Shapes**

- ★ recognise and name common 2-D shapes [for example, rectangles (including squares), circles and triangles]
- ★ recognise and name common 3-D shapes [for example, cuboids (including cubes), pyramids and spheres]

### **Geometry: Position and direction**

- ★ describe position, direction and movement, including whole, half, quarter and three-quarter turns