

# Pirton Hill Primary School Assessment Framework for Maths

## Year 1 Expectations

### **Number and Place Value**

- Count to and across 100, forwards and backwards beginning with 0 or 1, or from any given number.
- Count in multiples of twos, fives and tens from 0 and use counting strategies to solve problems.
- 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 numerals 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.
- Use number bonds and related subtraction facts within 20.
- Add and subtract one-digit and two-digit numbers to 20, including 0.
- Solve one-step problems involving addition and subtraction, by calculating the answer using concrete objects, pictorial representations, and missing number problems such as  $7 = \_ - 9$ .

### **Multiplication and Division**

- Use arrays to multiply.
- Divide by sharing.
- Solve one-step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations, and missing number problems such as  $6 = \_ \times 3$ .

### **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:
  - Length and height (*e.g. long/short, longer/shorter, tall/short, double/half*)
  - Mass/weight (*e.g. heavy/light, heavier than, lighter than,*)
  - Capacity and volume (*e.g. full/empty, more than, less than, half, half full, quarter*)
  - Time (*e.g. quicker, slower, earlier, later*)
- Measure and record the following:
  - Length and height
  - 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 (*e.g. 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 shapes (*e.g. squares, rectangles, circles, triangles*).
- Recognise and name triangles, rectangles, squares, circles, from a group of shapes or from pictures of the shapes.
- Recognise and name common 3-D shapes (*e.g. cubes, cuboids, pyramids and spheres*)  
Recognise and name cuboids, cubes, pyramids and spheres from a group of shapes or from pictures of the shapes.

### **Geometry – Position and direction**

- Describe position, direction and movement, including whole, half, quarter and three quarter turns.