

Year 1 Programme of Study

Number – number and place value

Statutory Requirements

Pupils at Barton St. Lawrence will be taught to:

- 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.

Number – addition and subtraction

Statutory Requirements

Pupils at Barton St. Lawrence will be taught to:

- 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 $7 + \square = 9$.

Number – multiplication and division

Statutory Requirements

Pupils at Barton St. Lawrence will be taught to:

- 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.

Number – fractions

Statutory Requirements

Pupils at Barton St. Lawrence will be taught to:

- 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

Statutory Requirements

Pupils at Barton St. Lawrence will be taught to:

compare, describe and solve practical problems for:

- lengths and heights [for example, long/short, longer/shorter, tall/short, double/half].
- mass/weight [for example, heavy/light, heavier than, lighter than].
- capacity and volume [for example, full/empty, more than, less than, half, half full, quarter].
- time [for example, 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 [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.

Geometry – properties of shape

Statutory Requirements

Pupils at Barton St. Lawrence will be taught to:

recognise and name common 2-D and 3-D shapes, including:

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

Geometry – position and direction

Statutory Requirements

Pupils at Barton St. Lawrence will be taught to:

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