

The new mathematics curriculum involves more rote learning of concepts such as simple and more complicated calculations, and mental arithmetic.
Children will need to have achieved ALL objectives in order to be working at National Expectation for their year group

A Year 1 Mathematician

Number and place value

- I can count to and across 100, forward and backwards, beginning with 0 or 1 from any number.
- I can count in multiples of 2, 5 and 10.
- I can count, read and write numbers to 100 in numerals.
- I can say what is one more or one less than any number.
- I can read and write numbers from 1 to 20 in numerals and words.
- I can 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

Calculations

- I can represent and use number bonds and related subtraction facts to 20.
- I can add and subtract 1-digit and 2-digit numbers to 20, including zero.
- I can read, write and interpret mathematical statements involving addition, subtraction and equals signs.
- I can solve one-step problems that involve addition and subtraction, using objects and pictorial representations.
- I can solve missing number problems.
- I can solve one-step problems involving multiplication and division, by using concrete objects, pictorial representations and arrays.

Fractions

- I can recognise, find and name a half of an object, shape or quantity.
- I can recognise, find and name a quarter of an object, shape or quantity.

Measurement

- I can compare, describe and solve practical problems for lengths and heights; mass/weight; capacity and volume; and time.
- I can measure and begin to record lengths and heights; mass/weight; capacity and volume; and time.
- I recognise and know the value of different denominations of coins and notes.
- I can tell the time to the hour.
- I can tell the time to half past the hour.
- I can draw hands on a clock face to show these times.
- I can sequence events in chronological order using language.
- I recognise and use language relating to dates, including days, weeks, months and years

Geometry - properties of shapes

- I recognise and can name common 2D shapes (rectangles, including squares, circles and triangles).
- I recognise and can name common 3D shapes (cuboids, including cubes, pyramids and spheres).

Geometry - position and direction

- I can describe position, directions and movement, including half, quarter and three-quarter turns.