

Year 1 - Key learning objectives in Mathematics

Number and place value

- To count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number.
- To count, read and write numbers to 100 in numerals, count in multiples of twos, fives and tens.
- To identify one more and one less than a given number.
- To 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.
- To read and write numbers from 1 to 20 in numerals and words.

Number, addition and subtraction

- To read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs.

- To represent and use number bonds and related subtraction facts within 20.
- To add and subtract one-digit and two-digit numbers to 20, including zero.
- To 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

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

Number, fractions

- To recognise, find and name $\frac{1}{2}$ as one of two equal parts of an object, shape or quantity.
- To recognise, find and name $\frac{1}{4}$ as one of four equal parts of an object, shape or quantity.

Geometry and Measure

- To use mathematical names for 2D and 3D shapes.
- To describe the properties of shapes.
- To describe the position of objects.
- To describe direction and movement of objects including whole, half, quarter and three-quarter turns.
- To compare, describe and solve practical problems for length, height, mass/weight, capacity, volume and time.
- To measure and begin to record lengths, heights, mass/weight, capacity, volume and time.
- To recognise and know the value of different denominations of coins and notes.
- To sequence events in chronological order.
- To recognise and use language relating to dates, days of the week, weeks, months and years.
- To tell the time to the hour and half past the hour.