

MATHS IN YEAR 1

The principal focus of mathematics teaching in key stage 1 is to ensure that pupils develop confidence and mental fluency with whole numbers, counting and place value. This should involve working with numerals, words and the four operations, including with practical resources (e.g. concrete objects and measuring tools).

At this stage, pupils should develop their ability to recognise, describe, draw, compare and sort different shapes and use the related vocabulary. Teaching and learning should also involve using a range of measures to describe and compare different quantities such as length, mass, capacity, volume, time and money.

Number Number and place value

- counting in steps of 1, 2, 5 and 10 forwards and backwards from different starting points within 100
- reading and writing numbers to 100 in digits, and numbers to 20 in words as well
- identifying one more and one less than a number within 100
- identifying and representing numbers using objects and pictorial representations including the number line
- using the language of: equal to, fewer, more than, less than, most and least

Calculation

- reading, writing, interpreting and solving mathematical statements involving addition, subtraction, multiplication and division
- representing and using number bonds and related subtraction facts within 20

Fractions

- recognising, finding and naming a half as one of two equal parts of an object, shape or quantity, and a quarter as one of four equal parts of an object, shape or quantity

Geometry Properties of shapes

- recognise and name common 2D and 3D shapes including rectangles, squares, circles, triangles, cuboids, cubes, pyramids and spheres

Position and direction

- describe position, directions and movements, including half, quarter and three-quarter turns

Measurement

- comparing, describing and solving practical problems for length, height, mass, weight, capacity, volume and time, and using related vocabulary
- measuring and beginning to record length, height, mass, weight, capacity, volume and time
- recognising and knowing the value of different denominations of coins and notes
- sequencing events in chronological order and using related vocabulary
- telling the time to the hour and half past the hour and draw the hands on a clock face to show these times