

Year 1 Maths National Curriculum Planning Overview 2014 - 2015

Number - addition and subtraction

Read, write and understand calculations with +, - and = signs.

Show and use number bonds and related subtraction facts within 20 (e.g. $16 + 4 = 20$, $20 - 16 = 4$, $11 + 4 = 15$, $15 - 4 = 11$)

Add and subtract one-digit and two-digit numbers to 20.

Solve one-step problems involving addition and subtraction, using objects/pictures, and missing number problems (e.g. $7 = \quad - 9$).

Number - multiplication and division

Solve one-step problems involving multiplication and division, by calculating the answer using objects, pictures and arrays (objects or shapes arranged in a rectangle $\begin{smallmatrix} \bullet & \bullet & \bullet & \bullet \\ \bullet & \bullet & \bullet & \bullet \end{smallmatrix}$) with teacher support.

Geometry - properties of shapes

- Recognise and name common 2-D and 3D shapes, including:
 - 2D shapes (e.g. rectangles, squares, circles and triangles).
 - 3D shapes (e.g. cuboids, cubes, pyramids and spheres).

Number - number and place value

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.

Find one more and one less than a given number.

Identify and show numbers using objects and pictures including the number line, and use the language of: equal to, more than, less than (fewer), most and least.

Read and write numbers from 1 to 20 in numerals and words.

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.

Geometry - position and direction

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

Measurement

Compare, describe and solve practical problems for: lengths and heights (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 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 (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.