

National Curriculum for Mathematics - Objectives - Year 1

|     | Number   |  |  |   | Geometry & Measurement  |  |   |
|-----|--|--|--|---|---|--|---|
| POS | Number and place value   | Addition and subtraction   | Multiplication and division  | Fractions   | Measurement   | Properties of shapes   | Position and direction  |
| LO  | <p>- count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number.</p> <p>-count, read and write numbers to 100 in numerals, count in different multiples including ones, twos, fives and tens.</p> <p>-given a number, identify one more and one less.</p> <p>- identify and represent numbers using concrete objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least.</p> <p>-read and write numbers from 1 to 20 in digits and words.</p> | <p>-read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs.</p> <p>-represent and use number bonds and related subtraction facts within 20.</p> <p>-add and subtract one-digit and two-digit numbers to 20 (<math>9 + 9</math>, <math>18 - 9</math>), including zero.</p> <p>-solve simple one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as <math>7 = ? - 9</math></p> | <p>-solve simple one-step problems involving multiplication and division, calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher.</p> | <p>-recognise, find and name a half as one of two equal parts of an object, shape or quantity.</p> <p>-recognise, find and name a quarter as one of four equal parts of an object, shape or quantity.</p> | <p>-compare, describe and solve practical problems for:</p> <p>-lengths and heights (e.g. long/short, longer/shorter, tall/short, double/half).</p> <p>-mass or weight (e.g. heavy/light, heavier than, lighter than).</p> <p>-capacity/volume (full/empty, more than, less than, quarter).</p> <p>-time (quicker, slower, earlier, later).</p> <p>measure and begin to record the following:</p> <p>-lengths and heights</p> <p>-mass/weight</p> <p>-capacity and volume</p> <p>-time (hours, minutes, seconds).</p> <p>-recognise and know the value of different denominations of coins and notes.</p> <p>-sequence events in chronological order using language such as: before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening.</p> <p>-recognise and use language relating to dates, including days of the week, weeks, months and years.</p> <p>-tell the time to the hour and half past the hour and draw the hands on a clock face to show these times.</p> | <p>-recognise and name common 2-D and 3-D shapes, including:</p> <p>-2-D shapes (e.g. rectangles (including squares), circles and triangles).</p> <p>-3-D shapes (e.g. cuboids (including cubes), pyramids and spheres).</p> | <p>-describe position, directions and movements, including half, quarter and three-quarter turns.</p> |