

# Mathematics Year 1 End of Year Expectations

## Number & 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 2s, 5s and 10s  
Identify 1 more and 1 less  
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  
Read and write numbers from 1 to 20 in numerals and words.

## Properties of Shapes

identify and describe the properties of 2-D 3-D shapes, including the number of sides and line symmetry in a vertical line, the number of edges, vertices and faces identify 2-D shapes on the surface of 3-D shapes  
compare and sort common 2-D and 3-D shapes and everyday objects

## Fractions

Recognise, find and name a half as 1 of 2 equal parts of an object, shape or quantity  
Recognise, find and name a quarter as 1 of 4 equal parts of an object, shape or quantity

## Position and Direction

Describe position, directions and movements, including whole, half, quarter and three-quarter turns.

## Calculation

Read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs  
Represent and use number bonds and related subtraction facts within 20

Add and subtract one-digit and two-digit numbers to 20, including 0

Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as  $7 = ? - 9$ .

### Multiplication and division

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

## Measurement

Compare, describe and solve practical problems for: lengths and heights [for example, long/short, longer/shorter, tall/short, double/half] mass / weight, capacity and volume, time

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

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.