

Number- addition and subtraction

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

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
- Given a number, identify one more and one 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 and least
- Read and write numbers from 1 to 20 in numerals and words

Measurement

- Compare, describe and solve practical problems for:
- Lengths and heights- for example, long/ short, longer/ shorter, tall/ short, double/ half
- Mass/ weight- for example; heavy/ light, heavier than, lighter than
- Capacity and volume- for example; full/empty, more than, less than, half, half full, quarter
- Time- for example; 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- for example: before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening
- Recognise and use square numbers and cube

Number- 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.



End of Year Expectations

Mathematics

Year 1

Number- multiplication and division Pupils

- 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.

Geometry-properties of shape

- Recognise and name common 2-D and 3-D shapes, including:
- 2-D shapes [for example, rectangles (including squares), circles and triangles]
- 3-D shapes [for example, cuboids (including cubes), pyramids and spheres].