The Year 1 Learner

Number
Counting and understanding number
Children will count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number. They will count, read and write numbers to 100 in numerals; count in multiples of twos, fives and tens. Given a number, children will identify one more and one less. They will 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. Children will read and write numbers from 1 to 20 in numerals and words.

Calculating
Children will read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs. They will represent and use number bonds and related subtraction facts within 20. Children will add and subtract one-digit and two-digit numbers to 20, including zero. They will solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as $7 = \square - 9$. Children will 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. They will 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

Fractions
Children will recognise, find and name a half as one of two equal parts of an object, shape or quantity. They will recognise, find and name a quarter as one of four equal parts of an object, shape or quantity

Geometry
Position and direction
Children will describe position, direction and movement, including whole, half, quarter and three-quarter turns.

Geometry
Properties of shape
Children recognise and name common 2-D and 3-D shapes, including 2-D shapes [for example, rectangles (including squares), circles and triangles] and 3-D shapes [for example, cuboids (including cubes), pyramids and spheres]

Measurement
Children will 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 [full/empty, more than, less than, half, half full, quarter]; time [quicker, slower, earlier, later]. They will measure and begin to record lengths and heights; mass/weight; capacity and volume; time (hours, minutes, seconds). Children will recognise and know the value of different denominations of coins and notes. They will sequence events in chronological order using language [for example, before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening]. Children will recognise and use language relating to dates, including days of the week, weeks, months and years. They will tell the time to the hour and half past the hour and draw the hands on a clock face to show these times