

## Year 1 Maths Objectives

### Place Value

COUNTING	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
COMPARING NUMBERS	use the language of: equal to, more than, less than (fewer), most, least
ESTIMATING NUMBERS	identify and represent numbers using objects and pictorial representations including the number line
READING & WRITING NUMBERS	read and write numbers from 1 to 20 in numerals and words.

### Addition & Subtraction

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

### Multiplication & Division

MULTIPLICATION & DIVISION FACTS	count in multiples of twos, fives and tens
PROBLEM SOLVING	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

### Algebra

EQUATIONS	solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and <b>missing number problems</b> such as $7 = \square - 9$ represent and use number bonds and related subtraction facts within 20
SEQUENCES	sequence events in chronological order using language such as: before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening

### Fractions (including decimals & percentages)

RECOGNISING 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
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## Geometry: Position & Direction

POSITION, DIRECTION & MOVEMENT	describe position, direction and movement, including half, quarter and three-quarter turns.
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## Geometry: Properties of shape

IDENTIFYING SHAPES & THEIR PROPERTIES	recognise and name common 2-D and 3-D shapes, including: * 2-D shapes [e.g. rectangles (including squares), circles and triangles] * 3-D shapes [e.g. cuboids (including cubes), pyramids and spheres]. Begin to relate solid shapes to pictures of them.
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## Measurement

COMPARING & ESTIMATING	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] sequence events in chronological order using language [e.g. before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening]
MEASURING & CALCULATING	measure and begin to record the following: * <b>lengths and heights</b> * <b>mass/weight</b> * <b>capacity and volume</b> * <b>time</b> (hours, minutes, seconds) recognise and know the value of different denominations of coins and notes
TELLING THE TIME	tell the time to the hour and half past the hour and draw the hands on a clock face to show these times. recognise and use language relating to dates, including days of the week, weeks, months and years