Year 1 Maths Objectives

Mathematical vocabulary	Number and place value	Addition and subtraction	Multiplication and division	Fractions	Measurement	Geometry – properties of shapes	Geometry – position and direction
To read and spell mathematical vocabulary, at a level consistent with their increasing word reading and spelling knowledge at year 1.	count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number	read, write and interpret mathematical statements involving addition (+), subtraction (−) and equals (=) signs	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	recognise, find and name a half as 1 of 2 equal parts of an object, shape or quantity	➤ 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]	➤ recognise and name common 2-D and 3-D shapes, including: • 2-D shapes [for example, rectangles (including squares), circles and triangles]	• describe position, direction and movement, including whole, half, quarter and three-quarter turns
	count, read and write numbers to 100 in numerals; count in multiples of 2s, 5s and 10s	represent and use number bonds and related subtraction facts within 20		recognise, find and name a quarter as 1 of 4 equal parts of an object, shape or quantity	➤ measure and begin to record the following: lengths and heights mass/weight capacity and volume time (hours, minutes, seconds)	➤ recognise and name common 2-D and 3-D shapes, including: 3-D shapes [for example, cuboids (including cubes), pyramids and spheres]	

					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]		
	given a number, identify 1 more and 1 less	add and subtract one-digit and two-digit numbers to 20, including 0			recognise and use language relating to dates, including days of the week, weeks, months and years		
	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	Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as 7 = ? – 9			tell the time to the hour and half past the hour and draw the hands on a clock face to show these times		
	read and write numbers from 1 to 20 in numerals and words						