Year 1 Maths Expectations

Number and Place Value	Number 4 operations	Number fractions	Measures	Geometry
Count, read and write numbers to 100 in numerals	Read, write and interpret mathematical statements involving addition (+), subtraction (−) and equals (=) signs	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 eg, long/short, longer/shorter, tall/short, double/half mass/weight eg, heavy/light, heavier than, lighter than capacity and volume eg, full/empty, more than, less than, half, half full, quarter time eg, quicker, slower, earlier, later	Recognise and name common 2-D and 3-D shapes, including: 2-D shapes eg, rectangles, squares, circles and triangles 3-D shapes eg, cuboids, cubes, pyramids and spheres
Read and write numbers from 1 to 20 in numerals and words		Recognise, find and name a quarter as 1 of 4 equal parts of an object, shape or quantity		
Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number	Represent and use number bonds and related subtraction facts within 20		Measure and begin to record the following: lengths and heights, mass/weight, capacity and volume, time (hours, minutes, seconds)	Describe position, direction and movement, including whole, half, quarter and three-quarter turns
Given a number, identify 1 more and 1 less	Add and subtract one-digit and two-digit numbers to 20, including 0		Recognise and know the value of different denominations of coins and notes	
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		Sequence events in chronological order using language [eg, before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening]	
Count in multiples of 2s, 5s and 10s	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 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	

Year 2 Maths Expectations

Number and Place Value	Number 4 operations	Number fractions	Measures	Geometry
Count in steps of 2, 3, and 5 from 0, and in 10s from any number, forward and backward	Solve problems with addition and subtraction: using concrete objects and pictorial representations, including those involving numbers, quantities and measures applying an increasing knowledge of mental and written methods	Recognise, find, name and write fractions $\frac{1}{3}, \frac{1}{4}, \frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, set of objects or quantity	Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature (°C); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels Compare and order lengths, mass, volume/capacity and record the results using >, < and =	Identify and describe the properties of 2-D shapes, including the number of sides, and line symmetry in a vertical line Identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces Identify 2-D shapes on the surface of 3-D shapes, [for example, a circle on a cylinder and a triangle on a pyramid] Compare and sort common 2-D and 3-D shapes and everyday objects
	Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100			
	Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: a two-digit number and 1s a two-digit number and 10s 2 two-digit numbers adding 3 one-digit numbers			
Recognise the place value of each digit in a two-digit number (10s, 1s)		Write simple fractions, for example $\frac{1}{2}$ of 6 = 3 Recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$	Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value Find different combinations of coins that equal the same amounts of money Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change	Order and arrange combinations of mathematical objects in patterns and sequences Use mathematical vocabulary to describe position, direction and movement, including movement in a straight line and distinguishing between rotation as a turn and in terms of right angles for quarter, half and three-quarter turns (clockwise and anti-clockwise)

Year 2 Maths Expectations

Number and Place Value	Number 4 operations	Number fractions	Measures	Statistics
Identify, represent and estimate numbers using different representations, including the number line	Show that addition of 2 numbers can be done in any order (commutative) and subtraction of 1 number from another cannot		Compare and sequence intervals of time Tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times Know the number of minutes in an hour and the number of hours in a day	Interpret and construct simple pictograms, tally charts, block diagrams and tables Ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity Ask and answer questions about totalling and comparing categorical data
Compare and order numbers from 0 up to 100; Use <, > and = signs	Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems			
Read and write numbers to at least 100 in numerals and in words	Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers			
Use place value and number facts to solve problems	Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (×), division (÷) and equals (=) signs			
	Show that multiplication of 2 numbers can be done in any order (commutative) and division of 1 number by another cannot			

A helpful reminder of how Maths terms are described can be found at:
http://www.amathsdictionaryforkids.com/