Year 2 Maths expectations

As a Year 2 mathematician:

Number and place value

Number and place value:	Addition and subtraction:	Multiplication and division:	Fractions:
• I can count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward • I can recognise the place value of each digit in a two-digit number • I can identify, represent and estimate numbers using different representations, including the number line • I can compare and order numbers from 0 up to 100; use <, > and = signs • I can read and write numbers to at least 100 in numerals and in words • I can use place value and number facts to solve problems	• I can solve problems with addition and subtraction: using concrete objects and pictorial representations, applying mental and written methods • I can recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100 • I can add and subtract numbers using concrete objects, pictorial representations, and mentally, including: a two-digit number and ones, a two-digit number and tens, two two-digit numbers • I can add three one-digit numbers • I can show that addition of two numbers is commutative and subtraction is not • I can recognise and use the inverse relationship between addition and subtraction to check calculations and solve missing number problems	• I can recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers. • I can calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (×), division (÷) and equals (=) signs • I can show that multiplication of two numbers is commutative and division of one number by another is not • I can solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts	• I can recognise, find, name and write fractions 1/2, 1/3, 1/4, 2/4, 3/4 of a length, shape, set of objects or quantity. • I can write simple fractions (1/2 of 6 = 3 and recognise the equivalence of 2/4 and ½.

Geometry and measures

Measure:	Geometry- properties of shapes:	Geometry- position and movement:	Statistics:
• I can choose and use appropriate standard units to estimate and measure length/height (m/cm); mass (kg/g); temperature (°C); capacity (litres/ml) using rulers, scales, thermometers and measuring vessels • I can compare and order lengths, mass, volume/capacity and record the results using >, < and =	• I can identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line • I can identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces • I can identify 2-D shapes on the surface of 3-D shapes	• I can order and arrange combinations of mathematical objects in patterns and sequences • I can 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	• I can interpret and construct simple pictograms, tally charts, block diagrams and simple tables • I can ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity

• I can recognise and use symbols for pounds (£) and pence (p) and combine amounts to make a particular value • I can find different combinations of coins that equal the same amounts of money • I can solve simple problems in a practical context involving addition and subtraction of money, including giving change • I can compare and sequence intervals of time • I can 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 • I can say how many minutes in an hour and the number of hours in a day	• I can compare and sort common 2-D and 3-D shapes and everyday objects	and three-quarter turns (clockwise and anticlockwise)	• I can ask and answer questions about totalling and comparing categorical data