End of Year 2 Expectations for Maths

*All children should use **all** of the criteria below in their maths to be at the expected standard for a Year 2 child.*

Year 2	Maths Expectations
Counting	count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward
Place Value	recognise the place value of each digit in a two-digit number compare and order numbers from 0 up to 100; use <, > and = signs
Representing Number	identify, represent and estimate numbers using different representations, including the number line read and write numbers to at least 100 in numerals and in words
Number Facts (+/-)	use place value and number facts to solve problems recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100
Mental (+/-)	add and subtract numbers using concrete objects, pictorial representations, and mentally, including: TU+U, TU+T, TU+TU and U+U+U show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot
Problems (+/-)	solve problems with addition and subtraction, using concrete, pictorial and abstract representations recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems.
Number Facts (x/÷)	recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers
Mental (x/÷)	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 two numbers can be done in any order (commutative) and division of one number by

Year 2	Maths Expectations
	another cannot
Problems (x/÷)	solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts
Recognising Fractions	recognise, find, name and write fractions 1/3, 1/4 , 2/4 and 3/4 of a length, shape, set of objects or quantity
Fraction Calculations	write simple fractions for example, 1/2 of 6 = 3 and recognise the equivalence of 2/4 and 1/2.
Measures	choose and use appropriate standard units to estimate and measure length/height (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 =
Money	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
Time	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

Year 2	Maths Expectations
	know the number of minutes in an hour and the number of hours in a day
Shape Vocaulary **Properties of 2-d shape**	(vertices, edges, faces, symmetry) identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line. compare and sort common 2-D and 3-D shapes and everyday objects.
Properties of 3-d shape	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. compare and sort common 2-D and 3-D shapes and everyday objects.
Position and Direction	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 3⁄4 turns
Interpreting data **Extracting info from data**	interpret and construct simple pictograms, tally charts, block diagrams and simple 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