Year Two Mathematics Curriculum KPIs 2025

Autumn 1	Number and Place Value	Recognise the place value of each digit in a two-digit number (tens, ones) Identify, represent and estimate numbers using different representations, including the number line Compare and order numbers from 0 up to 100; use <, > and = signs Position the <, > and = signs correctly between two 2 digit numbers Read numbers from 1 - 100 in numerals Use place value and number facts to solve problems
	Addition and Subtraction	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 ones, a two-digit number and tens, two two-digit numbers, adding three one-digit numbers
Autumn 2	Multiplication and Division	Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers Show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts
	Measures	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
Spring 1	Addition and Subtraction	Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems Solve problems with addition and subtraction: using concrete objects and pictorial representations, including those involving numbers, quantities and measures and applying their increasing knowledge of mental and written methods
	Measures	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 Use different coins to make the same amount Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change Can solve subtraction problems such as: Jess has saved 62p. She spends 15p. How much does she have left?
	Statistics	Interpret and construct simple pictograms, tally charts, block diagrams and simple tables Ask and answer questions about totalling and comparing categorical data
Spring 2	Properties of Shape	Identify and describe the properties of 2D shapes, including the number of sides and line symmetry in a vertical line

		Identify and describe the properties of 3D shapes, including the number of edges, vertices and faces Identify 2D shapes on the surface of 3D shapes, [for example, a circle on a cylinder and a triangle on a pyramid] Identify 2D shapes on the surface of a 3D shape, including: A triangle on a pyramid, A square on a cube, A rectangle on a cuboid, A circle on a cylinder and cone, A triangle and rectangle on a triangular prism Compare and sort common 2D and 3D shapes and everyday objects
	Position and Direction	Order and arrange combinations of mathematical objects in patterns and sequences
Summer 1	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 Find fractions of quantities with resources Write simple fractions for example, 1/2 of 6 = 3 Know to calculate a fraction you divide the object/quantity by the denominator and multiply by the numerator Recognise the equivalence of 2/4 and ½
	Measures	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 =

		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
Summer 2 (Ongoing targets included here. Once MNP lessons finished, time used to consolidate, secure and revise learning)	Number and Place Value	Count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward Read and write numbers to at least 100 in numerals and in words
	Multiplication and Division	Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers
	Position and Direction	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)