Year Four Mathematics Curriculum KPIs 2025

Autumn 1	Number and Place Value	Find 1000 more or less than a given number
		Count backwards through zero to include negative numbers
		Count backwards in a range of multiples to include negative numbers and understand the value of the digits
		Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones)
		Identify the larger of two 4 digit numbers and explain reasoning
		Order and compare numbers beyond 1000
		Round any number to the nearest 10, 100 or 1000
		Solve number and practical problems that involve all of the above and with increasingly large positive numbers
		Solve problems involving place value, including word problems and problems linked to money and measure
	Addition and Subtraction	Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate
		Estimate and use inverse operations to check answers to a calculation
		Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why
Autumn 2	Multiplication and Division	Use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers

		Recognise and use factor pairs and commutativity in mental calculations
		Identify factors of a 2 digit number
		Multiply two-digit and three-digit numbers by a one-digit number using formal written layout
		Divide 2 and 3 digit numbers by a one digit
		Solve problems involving multiplying and adding, including using the distributive law to multiply two-digit numbers by one digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects
Spring 1	Statistics	Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs
		Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs
	Fractions and Decimals	Recognise and show, using diagrams, families of common equivalent fractions
		Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number
		Add and subtract fractions with the same denominator
Spring 2	Fractions and Decimals	Count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten

		Recognise and write decimal equivalents of any number of tenths or hundredths
		Recognise and write decimal equivalents to 1/4, 1/2 and ¾
		Find the effect of dividing a one or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths
		Round decimals with one decimal place to the nearest whole number
		Can identify the nearest whole number to a one decimal place number
		Compare numbers with the same number of decimal places up to two decimal places
		Solve simple measure and money problems involving fractions and decimals to two decimal places
	Measures	Read, write and convert time between analogue and digital 12 and 24 hour clocks
		Solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days
		Can solve problems involving time conversions
Summer 1	Measures	Convert between different units of measure [for example, kilometre to metre; hour to minute]
		Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres
		Find the area of rectilinear shapes by counting squares

		Compare and calculate measures, including solving problems
Summer 2 (Ongoing targets included here. Once MNP lessons finished, time used to consolidate, secure and revise learning)	Number and Place Value	Count in multiples of 6, 7, 9, 25 and 1000
		Read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of zero and place value
		Read Roman numerals to 100
	Multiplication and Division	Recall multiplication and division facts for multiplication tables up to 12 × 12
	Properties of Shape	Compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes
		Identify acute and obtuse angles and compare and order angles up to two right angles by size
		Identify lines of symmetry in 2D shapes presented in different orientations
		Complete a simple symmetric figure with respect to a specific line of symmetry
	Position and Direction	Describe positions on a 2D grid as coordinates in the first quadrant
		Describe movements between positions as translations of a given unit to the left/right and up/down
		Plot specified points and draw sides to complete a given polygon
		Can use properties of shape to complete the vertices of a simple shape (plotting points