

Maths Key Performance Indicators – Year 4

	Strand	Sub-strand	Progression statement
Number	Number and place value	Count	Count in multiples of 1000; count backwards through zero to include negative numbers
			Count in multiples of 6, 7, 9 and 25
		Order and compare	Order and compare numbers beyond 1000
		Round numbers	Round whole numbers to 10,000 to the nearest 10, 100 or 1000
	Calculation	Solve calculation problems	Solve calculation problems involving two-step addition and subtraction in context, deciding which methods to use and why
		Recall	Recall multiplication and division facts for multiplication tables up to 12×12
		Use written calculation	Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate
			Multiply two-digit and three-digit numbers by a one-digit number using formal written layout
			Divide two-digit and three-digit numbers by a one-digit number using formal written layout
	Fractions, decimals and Percentages	Understand FDP	Count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten
		Convert FDP	Recognise and show, using diagrams, families of common equivalent fractions
		Use FDP as numbers	Rounds decimals with one decimal place to the nearest whole number
		Solve FDP problems	Solve simple measure and money problems involving fractions and decimals to two decimal places
Measurement	Understand units of measure	Read, write and convert time between analogue and digital 12-and 24-hour clock	
		Convert from larger to smaller units of time	
		Convert between different units of measure (Large to small) km to m, hour to minute, kg to g, L to ml)	
Geometry	Make and visualise shapes	Identify lines of symmetry in 2-D shapes presented in different orientations, including where the line of symmetry does not dissect the original shape	
	Classify shapes	Compare and classify geometric shapes, including different types of quadrilaterals and triangles, based on their properties and sizes	
	Describe movement	Describe movement between positions as translations of a given unit to the left/right and up/down	
Statistics	Solve data problems	Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs	