

Maths Key Performance Indicators – Year 5

	Strand	Sub-strand	Progression statement
Number	Number and place value	Count Order and compare	Read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit.
		Represent numbers	Interpret negative numbers in context
	Calculation	Calculate mentally	Add and subtract numbers mentally with increasingly large numbers
		Solve calculation problems	Solve calculation problems involving multiplication and division including using their knowledge of factors and multiples, squares and cubes
			Solve problems involving scaling by simple fractions and problems involving simple rates
		Recall	Identify multiples and factors, including all factor pairs of a number, and common factors of 2 numbers
		Understand calculation	<u>Establish whether a number up to 100 is prime.</u>
		Use written calculation	Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction)
			Multiply numbers up to 4 digits by a one- or two-digit number using a formal written method, including long multiplication for two-digit numbers
	Divide numbers up to 4 digits by a one-digit number using formal written method of short division and interpret remainders appropriately for the context		
	Fractions, decimals and Percentages	Convert FDP	Read and write decimal numbers as fractions
		Use FDP as numbers	Compare and order fractions whose denominators are all multiples of the same number
			Read, write, order and compare numbers with up to three decimal places
		Solve FDP problems	Solve problems which require knowing percentage and decimal equivalents of $\frac{1}{2}$ $\frac{1}{4}$ $\frac{1}{5}$ $\frac{2}{5}$ $\frac{4}{5}$ and those fractions with a denominator of 10 or 25.
Measurement	Understand units of measure	Convert between different units of measure (km m, cm m, cm mm, g kg, L ml.)	
	Solve measurement problems	Measure and Calculate the perimeter of composite rectilinear shapes	
		Calculate and compare areas of rectangles (inc squares) and using standard units, cm ² & m ²	
Geometry	Make and visualise shapes	Draw given angles, and measure them in degrees	
	Classify shapes	Distinguish between regular and irregular polygons based on reasoning about equal sides and angles	
Statistics	Interpret data	Interpret more complex tables, including timetables	
	Present data	Complete tables, including timetables	