

Stage 4 Maths Targets		A1	A2	Sp1	Sp2	Su1	Su2
Number & Place Value	Count in multiples of 6, 7, 9, 25 and 1000						
	Find 1000 more or less than a given number						
	Count backwards through zero to include negative numbers						
	Recognise the place value of each digit in a four-digit number						
	Order and compare numbers beyond 1000 using $<$ $>$ $=$						
	Identify, represent and estimate numbers on a line.						
	Round any number to the nearest 10, 100 or 1000						
	Solve number problems with increasingly large positive numbers						
	Read Roman numerals to 100 (I to C)						
+ and -	Develop formal written methods of addition and subtraction up to 4 digits						
	Estimate and use inverse operations to check answers ($343 + 2307 = 2650$ check with $2650 - 2307 = 343$)						
	Solve addition and subtraction two-step problems						
x and ÷	Use multiplication and division facts up to 12×12						
	Multiply together three numbers						
	Use place value, known times tables, to multiply and divide mentally (Including multiplying by 0 and 1; dividing by 1)						
	Recognise and use factor pairs ($1 \times 9 = 9$ as is $3 \times 3 = 9$) and commutativity (e.g. 3×4 is the same as 4×3) in mental calculations						
	Use formal written layout to multiply up to three-digit numbers by a one-digit						
	Solve problems involving multiplying and adding, including the use of brackets (distributive law)						
	Solve harder complex problems than stage 3 (including correspondence and scaling).						
	Use formal written layout to divide up to three-digit numbers by a one-digit						
Fractions & Decimals	Recognise and show, families of common equivalent fractions e.g. quarters, fifths, halves						
	Count up and down in hundredths						
	Know what a hundredth is by; dividing an object into 100 and dividing tenths by ten.						
	Calculate fractions of quantities, with a numerator greater than 1 resulting in a whole number. (Unit and non-unit fractions)						

	Add and subtract fractions with the same denominator (Unit and non-unit fractions)						
	Recognise and write decimal equivalents of any number of tenths or hundredths and $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$						
	Find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer						
	Round decimals with one decimal place to the nearest whole number						
	Compare numbers up to two decimal places						
	Solve simple measure and money problems involving fractions and decimals to two decimal places.						
Measurement	Convert between different units of measure (length and mass)						
	Measure and calculate the perimeter of shapes (cm/m) including using known facts and measures						
	Find the area of rectangles/squares by counting squares						
	Estimate, compare and calculate different measures, including money						
	Read, write and <u>convert</u> time between analogue and <u>digital</u> 12- and 24-hour clocks						
	Convert hours to minutes; minutes to seconds; years to months; weeks to days.						
Geometry	Compare and classify 2D shapes, including quadrilaterals and triangles, based on their properties/sizes						
	Know the 5 types of triangles.						
	Identify <u>acute</u> and <u>obtuse</u> angles as discrete angles and angles within a shape						
	Compare and order angles up to two right angles by size						
	Identify lines of symmetry in 2-D shapes presented in <u>different orientations</u>						
	Complete a simple symmetric pattern or shape over or on a mirror line						
Position & Direction	Describe positions on a 2-D grid as coordinates (positive only)						
	Describe movements of shapes and points as translations of a given unit to the left/right and up/down						
	Plot specified points and draw sides to complete a given polygon.						
Statistics	Interpret and present data using bar charts and time graphs.						
	Solve one and two step problems using information presented in bar charts, pictograms, tables and other graphs.						
0-15= 4c 16-31 = 4b 32-47 = 4a							