Understanding Numbers and the Number System, Steps 25 to 27					
Strand	**Statement**	**25**	**26**	**27**	**+**
Number, place value and rounding	**Count** backwards through zero to include negative numbers				
	Count in **multiples** of 6,7.9,25 and 1000				
	Find 1000 **more** or **less** than a given number				
	Identify, represent and estimate numbers using different representations				
	Compare and order numbers beyond 1000				
	Recognise the **place value** of each digit in a 4 digit number				
	Round any number to the nearest 10, 100 or 1000				
	Read **Roman numerals** to 100 (I to C) and understand that over time the numerical system changed to include the concept of zero and place value				
	Solve **number and practical problems** that involve all of the above and with increasingly large positive numbers				
Addition and Subtraction	Solve addition and subtraction **two-step problems** in context, deciding which operation and methods to use and why				
	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				
Multiplication and Division	Recall **multiplication and division facts for tables up to 12 x 12**				
	Recognise and use factor pairs and **commutativity** in mental calculations				
	Multiply 2 digit and 3 digit numbers by a 1 digit numbers using formal written layout				
	Use place value, known and derived facts to multiply and divide mentally, including **multiplying by 0 and 1; dividing by 1**; multiplying 3 numbers together				
	Solve problems involving multiplying and adding, including the distributive law to multiply 2 digit numbers by 1 digit, integer scaling problems and harder multiplication problems such as n objects are connected to m objects				

Fractions, decimals and percentages	Recognise and show using diagrams, families of common **equivalent fractions**				
	Recognise and write **decimal equivalents** on any number of tenths or hundredths				
	Recognise and write **decimal equivalents** to 1/4, 1/2, 3/4				
	Find the effect of dividing a digit or 2 digit numbers by 10 and 100, identifying the value of the digits in answer as units, tenths or hundredths				
	Count up and down in hundredths, recognise that hundredths arise when dividing an object by 100 and dividing tenths by 10				
	Add and subtract fractions with the same denominator				
	Round decimals with one decimal place to the nearest whole number				
	Compare numbers with the same number of decimal places up to **two decimal places**				
	Solve problems involving increasingly harder fractions to calculate quantities and fractions to divide quantities include non- unit fractions where the answer is a whole number				
	Solve simple measure and money problems involving fractions and decimals to two decimal places				

Shape, Space and Measures, Steps 25 to 27					
Strand	**Statement**	**25**	**26**	**27**	**+**
Measurement	Convert between different units of measure (e.g. KM to M; hour to minute				
	Estimate, compare and calculate different measures				
	Perimeter Measure and calculate the **perimeter** rectilinear figure (including squares) in cm and m				
	Area Find the area of rectilinear shapes by counting squares				
	Money Estimate, compare and **calculate** different measures, including money in pounds and pence				
	Time **Read, write and convert time** between analogue and digital 12 and 24 hour clocks Solve problems involving **converting** hours to minutes; minutes to seconds; years to months; weeks to days				
Geometry: Properties of Shape	**Compare and classify** geometric shapes, including quadrilaterals and triangles, based on their properties and sizes				
	Identify lines of **symmetry** in 2d shapes presented in different orientations				
	Complete a simple **symmetric figure** with respect to a specific line of symmetry				
	Identify acute and obtuse **angles** and compare and order angles up to 2 right angles by size				

Geometry: Position, direction and motion	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 side to complete a given polygon			🟩	
Statistics	Interpret and present discrete 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			🟩	