Strand	Year 5
Counting & ordering	Count forwards & backward with positive & negative numbers through zero.
	Count forwards/backwards in steps of powers of 10 for any given number up to 1000000.
	Compare & order numbers with 3 decimal places.
	Read Roman numerals to 1000.
Numbers & more/less	Read and write any 5 digit number.
	Compare decimals with 1 decimal place.
Tables & multiples	Identify all multiples & factors, including finding all factor pairs.
	Use known tables to derive other number facts.
Bonds & Facts	Recall prime numbers up to 19.
Place value & rounding	Recognise PV of any number up to 1000000.
	Round any number up to 1000000 to the nearest 10, 100, 1000, 10000 or 100000.
	Round decimals with 2dp to nearest whole number & 1dp.
Calculations +/-	Add & subtract: o Numbers with more than 4-digits using efficient written method (column). o Numbers with up to 2dp.
Calculations x/÷	Multiply: 4-digits by 1-digit and by 2-digits Divide: 4-digits by 1-digit Multiply & divide: o Whole numbers & decimals by 10, 100 & 1000

Fractions & percentages	Count up/down in thousandths. Recognise mixed numbers & fractions & convert from one to another. Multiply proper fractions by whole numbers.
Time	Solve time problems using timetables and converting between different units of time.
Shape	Identify 3D shapes from 2D representations. Recognise and estimate acute, obtuse and reflex angles. Draw angles and measure them in degrees. Draw objects in correct position on a co-ordinate grid (four quadrants).
Measures	Convert between different units of metric measure (for example, kilometre and metre; centimetre and metre; centimetre and millimetre; gram and kilogram; litre and milliliter). Measure and calculate the perimeter of composite rectilinear (compound) shapes in centimetres and metres. Calculate and compare the area of rectangles (including squares), and including using standard units, square centimetres (cm^2) and square metres (m^2) and estimate the area of irregular shapes.
Ratio and proportion	Find percentages of amounts. E.g. 20% of 42.
Algebra	Use simple formulae to find unknown and generate formulae for a sequence with only a number times the unknown (e.g. 4n).