



Strand	Year 6
Counting & ordering	Compare & order numbers up to 10000000.
Numbers & more/less	Read and write any number up to 10 000 000 Order decimals with the same amount of decimal places.
Tables & multiples	Identify common factors, common multiples & prime numbers.
Bonds & Facts	Recall prime numbers up to 50.
Place value & rounding	Round any whole number to a required degree of accuracy. Recognize place value of any number including decimals. Round decimals with 3 decimal places to the nearest degree of accuracy.
Calculations +/-	Consolidate column addition for whole numbers and apply to problem solving.
Calculations x/÷	Multiply: 4-digit by 2-digit Divide: 4-digit by 2-digit
Fractions & percentages	Add & subtract fractions with different denominators & mixed numbers. Multiply simple pairs of proper fractions, writing the answer in the simplest form. Divide proper fractions by whole numbers. Calculate % of whole number.



Time	Consolidate solving time problems using timetables and converting between different units of time.
Shape	Draw 2D shapes using given dimensions and angles. Build 3D shapes, including making nets. Find unknown angles in triangles, quadrilaterals and regular shapes, on a straight line and within a circle. Describe position on a full co-ordinates grid (all four quadrants).
Measures	Solve problems involving the calculation and conversion of units of measure, using decimal notation up to three decimal places where appropriate. Convert between miles and kilometres Calculate the area and perimeter of compound shapes and triangles.
Ratio and proportion	Solve problems involving the calculation of percentages [for example, of measures, and such as 15% of 360] and the use of percentages for comparison Say ratio and proportion of a given set of objects.
Algebra	Use simple formulae. Generate and describe linear number sequences Express missing number problems algebraically