

Number			
Reads, writes, orders and compares numbers up to 10 000 000 and determines the value of each digit			
Rounds any whole number to a required degree of accuracy			
Uses negative numbers in context, and calculates intervals across zero			
Solves number and practical problems that involve all of the above			
Solves addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why			
Performs mental calculations, including those with mixed operations and large numbers			
Multiplies multi-digit numbers up to 4 digits by a two-digit whole number using the formal written method of long multiplication			
Divide numbers up to 4 digits by a two-digit number using the formal written method of SHORT DIVISION where appropriate, interpreting remainders according to the context			
Divides numbers up to 4 digits by a 2-digit whole number using the formal written method of LONG DIVISION, and interprets remainders as whole number remainders, fractions, or by rounding, as appropriate			
Identifies common factors, common multiples and prime numbers			
Uses their knowledge of the order of operations to carry out calculations involving the four operations			
Solves problems involving addition, subtraction, multiplication and division			
Uses estimation to check answers to calculations and determines, in the context of a problem, an appropriate degree of accuracy			
Uses common factors to simplify fractions; uses common multiples to express fractions in the same denomination			
Compares and orders fractions, including fractions > 1			
Adds and subtracts fractions with different denominators and mixed numbers, using the concept of equivalent fractions			
Multiplies simple pairs of proper fractions, writing the answer in its simplest form			
Divides proper fractions by whole numbers			
Associates a fraction with division and calculates decimal fraction equivalents			
Identifies the value of each digit in numbers given to three decimal places and multiplies and divides numbers by 10, 100 and 1000 giving answers up to three decimal place			
Multiplies one-digit numbers with up to two decimal places by whole numbers			
Solves problems which require answers to be rounded to specified degrees of accuracy			
Calculates a % of a three or four digit number			
Recalls and uses equivalences between simple fractions, decimals and percentages, including those in different contexts.			
Uses simple formulae			
Generates and describes linear number sequences			
Expresses missing number problems algebraically			
Finds pairs of numbers that satisfy an equation with two unknowns			
Enumerates possibilities of combinations of two variables			

Solves problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts			
Solves problems involving similar shapes where the scale factor is known or can be found			
Solves problems involving unequal sharing and grouping using knowledge of fractions and multiples			
Shape, Space, Measures and Statistics			
Solves problems involving the calculation and conversion of units of measure, using decimal notation up to three decimal places where appropriate			
Uses, reads, writes and converts between standard units, converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit, and vice versa, using decimal notation to up to three decimal places			
Converts between miles and kilometres			
Recognises that shapes with the same areas can have different perimeters and vice versa			
Recognises when it is possible to use formulae for area and volume of shapes			
Calculates the area of parallelograms and triangles			
Calculates, estimates and compares volume of cubes and cuboids using standard units, including cubic centimetres (cm ³) and cubic metres (m ³), and extending to other units			
Draws 2-D shapes using given dimensions and angles			
Recognises, describes and builds simple 3-D shapes, including making nets			
Compares and classifies geometric shapes based on their properties and sizes and finds unknown angles in any triangles, quadrilaterals, and regular polygons			
Illustrates and names parts of circles, including radius, diameter and circumference and knows that the diameter is twice the radius			
Recognises angles where they meet at a point, are on a straight line, or are vertically opposite, and finds missing angles			
Describes positions on the full coordinate grid (all four quadrants)			
Draws and translates simple shapes on the coordinate plane, and reflects them in the axes			
Interprets and constructs pie charts and line graphs and uses these to solve problems			
Calculates and interprets the mean as an average			

Beginning = At least 3 statements overall of which at least 2 are KPIs
Beginning + = At least 7 statements overall of which at least 4 are KPIs
Developing = At least 12 statements overall of which at least 7 are KPIs
Developing + = At least 19 statements overall of which at least 10 are KPIs
Secure = At least 29 statements overall of which at least 16 are KPIs
Exceeding = At least 38 statements overall of which at least 21 are KPIs