



	Evidence collection					
Meeting statements						
Number, Place Value, approximation estimation and rounding						
I can read, write, order and compare numbers up to 10,000,000 and determine the value of each digit						
I can round any number to a required degree of accuracy						
I can use negative numbers in context and calculate intervals across zero						
I can solve number problems and practical problems with the above						
Calculations						
I can use estimation to check answers to calculations and determine, in the context of a problem, an appropriate degree of accuracy						
I can solve addition and subtraction multi step problems in contexts, deciding which operations and						
methods to use and why						
I can identify common factors, common multiples and prime numbers						
I can perform mental calculations, including with mixed operations and large numbers						
I can multiply multi digit numbers up to 4 digits by a 2 digit whole number using the formal written method of long multiplication						
I can divide numbers up to 4 digits by a 2 digit whole number using the formal written method of long division and interpret remainders as whole number remainders, fractions, or by rounding, as appropriate for the context						
I can divide numbers up to 4 digits by a 2 digit number using the formal written method of short division where appropriate						
I can solve problems involving addition, subtraction, multiplication and division						
I can use my knowledge of the order of operations to carry out calculations involving the four operations						
Fractions, decimals and percentages						
I can use common factors to simplify fractions and use common multiples to express fractions in the same denomination						
I can compare and order fractions, including fractions >1						





I can add and subtract fractions with different denominations and mixed numbers, using the concept of				
equivalent fractions				
I can multiply simple pairs of proper fractions, writing the answer in their simplest form				
I can divide proper fractions by whole numbers				
I can associate a fraction with division to calculate decimal fraction equivalents for a simple fraction				
I can identify the value of each digit to 3 decimal places and multiply and divide numbers by 10, 100 and 1000 giving answers up to 3 decimal places.				
I can multiply 1 digit numbers with up to 2 decimal places by whole numbers				
I can use written division methods in cases where the answer has up to 2 decimal places				
I can solve problems which require answers to be rounded to specified degrees of accuracy				
I can recall and use equivalences between simple fractions, decimals and percentages, including in different contexts				
Ratio and Proportion				
I can solve problems involving the relative sizes of two quantities, where missing values can be found				
using integer multiplication and division facts				
I can solve problems involving the calculation of percentages and the use of percentage comparisons				
I can solve problems involving similar shapes where the scale factor is known or can be found				
I can solve problems involving unequal sharing and grouping using knowledge of fractions and				
multiples				
Algebra				
I can express missing number problems algebraically				
I can use a simple formulae				
I can generate and describe linear number sequences				
I can find pairs of numbers that satisfy an equation with two unknowns				
I can enumerate possibilities of combinations of two variables				
Measurement				





I can read, write and convert between standard units, converting measurement of length, mass,					
volume, and time from a smaller unit of measure to a larger unit, and vice versa, using decimal					
notation of up to 3 decimal places					
I can convert between miles and kilometres					
I recognise that shapes with the same areas can have different perimeters and vice versa					
I can calculate the area of parallelograms and triangles					
I recognise when it is possible to use formulae for the area of shapes					
I can solve problems involving the calculation and conversion of units of measure, using decimal					
notation up to 3 decimal places where appropriate					
Geometry-properties of shapes					
I can compare and classify geometric shapes based on the properties and sizes					
I can describe simple 3d shapes					
I can draw 2D shapes given dimensions and angles					
I recognise and build simple 3D shapes, including making nets					
I can find unknown angles in any triangles, quadrilaterals, and regular polygons					
I recognise angles where they meet at a point, are on a straight line or are vertically opposite, and find missing angles					
I can illustrate and name parts of circles, including radius, diameter and circumference					
I know the dimeter is twice the radius					
Geometry-Position and Direction					
I can draw and translate simple shapes on the co-ordinate plane, and reflect them in the axes					
I can describe positions on the full co-ordinates grid (all 4 quadrants)					
Statistics					
I can interpret and construct pie charts and line graphs and use these to solve problems					
I can calculate and interpret the mean as an average					
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