	M	1	2	3	4	5	6
Name:							
Class: ____ **Start Level:** ____							
Year Group: ____ **End Level:** ____							
Number: Number and Place Value							
I can read and write, numbers up to 10 000 000.	1						
I can order and compare numbers up to 10 000 000 and know the value of each digit.	2						
I can use negative numbers in context, and calculate differences across zero.	3						
I can round any whole number to a given value within the number.	4						
I can solve number problems and practical problems that use the above ideas.	5						
Number: Addition, Subtraction, Multiplication and Division.							
I can perform mental calculations which include mixed operations and large numbers.	6						
I can use formal written methods of long multiplication to multiply numbers with up to 4 digits by a two-digit whole number.	7						
I can use formal long division methods to **divide numbers with up to 4 digits by a two-digit whole number. I can show remainders as whole number remainders, fractions, or round them to a whole number, as appropriate for the context.**	8						
I can use my knowledge of the order of operations to carry out calculations involving the four operations (BODMAS).	9						
I can identify common factors, common multiples and prime numbers	10						
I can solve addition and subtraction multi-step problems in context, deciding which operations and methods to use and why.	11						
I can use formal written methods to add and subtract whole numbers with more than 4 digits.	12						
I can solve multistep problems; problems involving addition, subtraction, multiplication and division (and a combination of these), including understanding the meaning of the equals sign.	13						
I can use estimation to check and predict answers.	14						
Number: Fractions (including decimals and percentages)							
I can compare and order fractions, including fractions >1.	15						
I can use common factors to simplify fractions, and common multiples to write different fractions in the same denomination.	16						
I can add and subtract fractions with different denominators and mixed numbers, using the idea of equivalent fractions.	17						
I can multiply simple pairs of proper fractions, writing the answer in its simplest form (e.g. 1/4 × 1/2 = 1/8).	18						
I divide proper fractions by whole numbers (e.g. 1/3 ÷ 2 = 1/6).	19						
I know a fraction involves division and can calculate decimal fraction equivalents for simple fractions (e.g. 3/8 = 0.375 and 0.375 = 3/8).	20						
I can recall and use equivalences between simple fractions, decimals and percentages.	21						
I can identify the value of each digit, to three decimal places, and multiply and divide numbers by 10, 100 and 1000 giving answers that are up to three decimal places.	22						
I can multiply 1 digit numbers with up to 2 decimal places by whole numbers.	23						
I can use written division methods to solve problems where the answer has up to 2 dp	24						
I can solve problems which require answers to be rounded to given values.	25						
Number: Ratio and Proportion							
I can solve problems involving the relative sizes of 2 quantities where missing values can be found by using integer multiplication & division facts.	26						
I can solve problems involving the calculation of percentages (e.g. of measures and such as 15% of 360) and **the use of percentages for comparison**	27						
I can draw a similar shape, from an original, using a known scale factor. I can work out the scale factor for similar shapes.	28						
I can solve problems involving unequal sharing and grouping using knowledge of fractions and multiples.	29						

Measurement							
I can convert between standard units, converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit and vice versa (including decimals up to 3dp).	30						
I can solve problems where I have to calculate and convert between different units of measurement, including decimals up to three decimal places.	31						
I can convert between miles and kilometres.	32						
I know that shapes with the same areas can have different perimeters and vice versa.	33						
I know when it is possible to use formulae for the area & volume of shapes.	34						
I can calculate the area of parallelograms and triangles.	35						
I can calculate, estimate and compare volume of cubes and cuboids using standard units, including cubic centimetres (cm^3) and cubic metres (m^3).	36						
Geometry: Properties of shapes; position and direction							
I can draw 2-D shapes using given dimensions and angles.	37						
I can recognise, describe and build simple 3-D shapes, including making nets.	38						
I can compare and classify geometric shapes based on their properties and sizes, and find unknown angles in any triangles, quadrilaterals, and regular polygons.	39						
I can label and name parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius.	40						
I know the size of angles where they meet at a point, are on a straight line, or are vertically opposite. I can use this to find missing angles.	41						
I can describe positions and points on the full coordinate grid (all four quadrants).	42						
I can draw and translate simple shapes on the coordinate plane, and reflect them in the axis.	43						
Statistics							
I can understand & construct pie charts and line graphs, and use them to solve problems.	44						
I can calculate and understand the mean as an average.	45						
Algebra							
I can write missing number problems algebraically.	46						
I can use simple formulae to create and describe linear number sequences.	47						
I can find pairs of numbers that satisfy an equation with two unknowns.	48						
I can enumerate possibilities of combinations of two variables (work out different outcomes).	49						
Entering 0-24	Developing 25-37	Secure 38-49					
Total							