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							Notes
NUMBER AND PLACE VALUE							
I can read numbers up to 10,000,000.							
I can write numbers up to 10,000,000.							
I can order and compare numbers up to 10,000,000.							
I can round any whole number to a required degree							
<mark>of accuracy.</mark>							
I can use negative numbers in context.							
I can calculate intervals across zero.							
I can solve number problems and practical problems with the above.							
CALCULATION							
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 multi- step addition and subtraction					 	 	
problems in contexts, deciding which operations and							
methods to use and why.							
I can identify common factors.							
I can identify common multiples.							

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I can identify 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 whole						
number using the formal written method of short						
division where appropriate.						
I can solve problems involving addition.						
I can solve problems involving subtraction.						
I can solve problems involving multiplication.						
I can solve problems involving division.						
I can use my knowledge of the order of operations						
to carry out calculations involving the four						
operations.						
FRACTIONS/DECIMALS/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						

denominators and mixed numbers, using the concept					
of equivalent fractions.					
I can multiply simple pairs of proper fractions,					
writing the answer in the simplest form.					
I can divide proper fractions by whole numbers.					
I can associate a fraction with division to calculate					
decimal fractions equivalents for a simple fraction.					
I can identify the value of each digit to 3dp.					
I can multiply and divide 10, 100 and 1000 giving					
answers up to 3dp.					
I can multiply 1 digit numbers with up to 2dp by					
whole numbers.					
I can use written division methods in cases where					
the answer has up to 2dp.					
I can solve problems which require decimal 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					

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grouping using knowledge of fractions and multiplies.				
ALGEBRA				
I can express missing number problems algebraically.				
I can use 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 use, read and write standard units.				
I can convert measurements 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 the formulae				
for the area of shapes.				
I can compare volume of cubes and cuboids, using				
standard units.				
I can calculate and estimate volume of cubes and				
cuboids, using standard units.				
I recognise when it is possible to use the formulae				

		<u> </u>				
for the volume 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 simple 3D shapes, including nets.						
I can build simple 3D shapes, including making nets						
I can find unknown angles and lengths in any						
triangles.						
I can find unknown angles and lengths in any						
quadrilateral.						
I can find unknown angles and lengths in 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 diameter is twice the radius.						
GEOMETRY - POSITION AND DIRECTION						
I can draw simple shapes on the co-ordinate plane.						
I can translate simple shapes on the co-ordinate						
<mark>plane.</mark>						
I can reflect simple shapes in the axes.						

I can describe positions on the full co-ordinate grid (all 4 quadrants)						
STATISTICS						
I can interpret pie charts and use these to solve						
problems.						
I can interpret line graphs and use these to solve						
problems.						
I can construct pie charts.						
I can construct line graphs.						
I can calculate and interpret the mean as an average.			·			

Y6 KEY PERFORMANCE INDICATORS