

# Maths Progression

## Reasoning

### Head Start

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Number and place value	<ul style="list-style-type: none"> <li>• Count to and across 100, forwards</li> <li>• Count to and across 100, backwards</li> <li>• Read and write numbers from 1 to 20 in numerals and words</li> <li>• Count in multiples of two</li> <li>• Count to and across 100, forwards and backwards</li> <li>• Compare and order numbers up to 20</li> <li>• Compare and order numbers up to 100</li> <li>• Count in multiples of five</li> <li>• Identify one more or less than a given number up to 20</li> <li>• Identify one more or less than a given number up to 100</li> <li>• Solve mixed problems involving number and place value</li> <li>• Count in multiples of five</li> <li>• Identify 10 more or less than a given number up to 100</li> <li>• Count in multiples of two, five and ten</li> </ul>	<ul style="list-style-type: none"> <li>▪ Recognise the place value of each digit in a two-digit number (tens, ones)</li> <li>▪ Read and write numbers to at least 100 in numerals and in words</li> <li>▪ Compare and order numbers from 0 up to 100</li> <li>▪ Use &lt;, &gt; and = signs</li> <li>▪ Count in tens from any number, forwards and backwards</li> <li>▪ Identify, represent and estimate numbers using different representations, including the number line</li> <li>▪ Use place value and number facts to solve problems</li> <li>▪ Use place value and number facts to solve problems (money)</li> <li>▪ Solve mixed problems involving number and place value</li> </ul>	<ul style="list-style-type: none"> <li>▪ Recognise the place value of each digit in a three-digit number (hundreds, tens and ones)</li> <li>▪ Identify, represent and estimate numbers using different representations</li> <li>▪ Read and write numbers up to 1000 in numerals and words</li> <li>▪ Compare and order numbers up to 1000</li> <li>▪ Count from 0 in multiples of 4,</li> <li>▪ Count from 0 in multiples of 8,</li> <li>▪ Count from 0 in multiples of 50 and 100</li> <li>▪ Count in and use multiples of 2, 3, 4, 5, 50 and 100</li> <li>▪ Find 10 or 100 more or less than a given number</li> <li>▪ Solve problems involving number and place value (money)</li> </ul>	<ul style="list-style-type: none"> <li>▪ Find 1000 more than a given number</li> <li>▪ Find 1000 less than a given number</li> <li>▪ Read Roman numerals to 100 (I to C)</li> <li>▪ Round any number to the nearest 10, 100 or 1000</li> <li>▪ Solve mixed problems involving number and place value</li> </ul>	<ul style="list-style-type: none"> <li>▪ Read and write numbers to at least 1,000,000</li> <li>▪ Order and compare numbers to at least 1,000,000</li> <li>▪ Determine the value of each digit in numbers up to 1,000,000</li> <li>▪ Count forwards in steps of powers of 10 (100 or 1000)</li> <li>▪ Count forwards in steps of powers of 10 (10,000 or 100,000)</li> <li>▪ Count backwards in steps of powers of 10 (100 or 1000)</li> <li>▪ Count backwards in steps of powers of 10 (10,000 or 100,000)</li> <li>▪ Count forwards or backwards in steps of powers of 10 (mixed)</li> <li>▪ Interpret negative numbers in context</li> <li>▪ Count forwards and backwards with positive and negative whole numbers through zero</li> </ul>	<ul style="list-style-type: none"> <li>▪ Read and write numbers to at least 10,000,000</li> <li>▪ Order and compare numbers to at least 10,000,000</li> <li>▪ Round any whole number to a required degree of accuracy</li> <li>▪ Use negative numbers in context and calculate intervals across zero</li> <li>▪ Solve problems involving number and place value</li> <li>▪ Identify common factors, common multiples and prime numbers</li> <li>▪ Solve addition and subtraction multi-step problems in context</li> </ul>

	<ul style="list-style-type: none"> <li>Count in multiples of two, five and ten</li> <li>Use number bonds to 10</li> <li>Use number bonds to and within 10</li> <li>Use number bonds to 20</li> <li>Use number bonds to and within 20</li> <li>Use the language of equal to, more than and less than (fewer)</li> <li>Use the language of equal to, more than, less than, most and least</li> </ul>	<ul style="list-style-type: none"> <li>Count in steps of 2 from 0</li> <li>Count in steps of 5 from 0</li> <li>Count in steps of 3 from 0</li> <li>Count in steps of 2, 3 and 5 from 0</li> </ul>	<ul style="list-style-type: none"> <li>Solve problems involving number and place value (distance and capacity)</li> <li>Solve mixed problems involving number and place value</li> <li>Solve mixed problems involving number and place value</li> </ul>		<ul style="list-style-type: none"> <li>Round any number up to 1,000,000 to the nearest 10 and 100</li> <li>Round any number up to 1,000,000 to the nearest 1000, 10,000 and 100,000</li> <li>Read Roman numerals to 1000 (M) and recognise years written in Roman numerals</li> </ul>	
<b>Addition, subtraction,</b>	<ul style="list-style-type: none"> <li>Read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs</li> <li>Add one-digit and two-digit numbers to 20, including zero</li> <li>Subtract one-digit and two-digit numbers to 20, including zero</li> <li>Add and subtract one-digit and two-digit numbers to 20, including zero</li> <li>Solve one-step problems involving addition</li> <li>Solve one-step problems involving subtraction</li> </ul>	<ul style="list-style-type: none"> <li>Use addition facts to 20 to help add related facts up to 100</li> <li>Solve problems involving adding a two-digit number and ones</li> <li>Solve problems involving adding a two-digit number and tens</li> <li>Solve problems involving adding two two-digit numbers</li> <li>Solve problems involving adding three one-digit numbers</li> <li>Solve problems involving subtracting a two-digit number and ones</li> <li>Solve problems involving</li> </ul>	<ul style="list-style-type: none"> <li>Add a three-digit number and ones (mentally)</li> <li>Add a three-digit number and tens (mentally)</li> <li>Add a three-digit number and hundreds (mentally)</li> <li>Add numbers with up to three digits using a formal written method</li> <li>Subtract a three-digit number and ones (mentally)</li> <li>Subtract a three-digit number and tens (mentally)</li> <li>Subtract numbers with up to three digits</li> </ul>	<ul style="list-style-type: none"> <li>Add numbers with up to four digits using formal written methods where appropriate</li> <li>Solve addition two-step problems</li> <li>Subtract numbers with up to four digits using formal written methods where appropriate</li> <li>Solve subtraction two-step problems</li> <li>Estimate to check answers to a calculation</li> <li>Use inverse operations to check answers to a calculation</li> <li>Add and subtract numbers with up to four digits using formal written methods where appropriate</li> </ul>	<ul style="list-style-type: none"> <li>Add whole numbers with more than 4 digits using a formal written method where appropriate</li> <li>Add numbers mentally with increasingly large numbers</li> <li>Use rounding to check answers to calculations</li> <li>Subtract whole numbers with more than 4 digits using a formal written method where appropriate</li> <li>Subtract numbers mentally with increasingly large numbers</li> <li>Use rounding to check answers to calculations</li> </ul>	

	<ul style="list-style-type: none"> <li>▪ Solve one-step problems involving subtraction</li> <li>▪ Solve one-step problems involving addition and subtraction</li> <li>▪ Solve one-step problems involving addition (money)</li> <li>▪ Solve one-step problems involving subtraction (money)</li> <li>▪ Solve one-step problems involving addition and subtraction (money)</li> </ul>	<p>subtracting a two-digit number and tens</p> <ul style="list-style-type: none"> <li>▪ Solve problems involving subtracting two two-digit numbers</li> <li>▪ Use subtraction facts to 20 to help subtract related facts up to 100</li> <li>▪ Solve problems involving subtracting three one-digit numbers</li> <li>▪ Solve problems involving addition and subtraction</li> <li>▪ Understand that addition is commutative but subtraction is not</li> <li>▪ Use the inverse relationship between addition and subtraction to check calculations and missing number problems</li> </ul>	<p>using a formal written method</p> <ul style="list-style-type: none"> <li>▪ Add and subtract numbers with up to three digits using a formal written method</li> </ul>	<ul style="list-style-type: none"> <li>▪ Add and subtract numbers with up to four digits using formal written methods where appropriate</li> <li>▪ Solve addition and subtraction two-step problems (money)</li> <li>▪ Solve addition and subtraction two-step problems (money)</li> </ul>		
<p><b>Multiplication and division</b></p>	<ul style="list-style-type: none"> <li>▪ Double numbers and quantities</li> <li>▪ Double and halve numbers and quantities</li> <li>▪ Use arrays to solve one-step multiplication problems</li> </ul>	<ul style="list-style-type: none"> <li>▪ Recall and use multiplication facts for the 2 times table</li> <li>▪ Recall and use division facts for the 2 times table</li> <li>▪ Recall and use multiplication facts for the 5 times table</li> </ul>	<ul style="list-style-type: none"> <li>▪ Recall and use multiplication facts for the 3 times table</li> <li>▪ Recall and use multiplication facts for the 4 times table</li> <li>▪ Recall and use multiplication</li> </ul>	<ul style="list-style-type: none"> <li>▪ Recall and use multiplication and division facts for the 6, 7, 9, 11 and 12 times tables</li> <li>▪ Use place value to multiply mentally</li> <li>▪ Use known and derived facts to multiply and divide mentally</li> </ul>	<ul style="list-style-type: none"> <li>▪ Identify multiples</li> <li>▪ Identify factors, including factor pairs of a number and common factors of 2</li> <li>▪ Know and use the vocabulary of prime numbers, composite (non-prime)</li> </ul>	<ul style="list-style-type: none"> <li>▪ Multiply multi-digit numbers up to 4 digits by a two-digit whole number using the formal written method of long multiplication</li> <li>▪ Divide numbers up to 4 digits by a two-digit whole</li> </ul>

	<ul style="list-style-type: none"> <li>▪ Solve problems involving grouping or sharing</li> <li>▪ Solve problems involving grouping or sharing (money)</li> <li>▪ Make connections between number patterns and counting in twos, fives and tens</li> <li>▪ Solve mixed one-step problems involving multiplication and division</li> </ul>	<ul style="list-style-type: none"> <li>▪ Recall and use division facts for the 5 times table</li> <li>▪ Recall and use multiplication facts for the 10 times table</li> <li>▪ Recall and use division facts for the 10 times table</li> <li>▪ Recall and use multiplication facts for the 2, 5 and 10 times tables</li> <li>▪ Recall and use division facts for the 2, 5 and 10 times tables</li> <li>▪ Solve problems involving multiplication and division</li> </ul>	<p>facts for the 8 times table</p> <ul style="list-style-type: none"> <li>▪ Recall and use multiplication facts for the 3, 4 and 8 times tables</li> <li>▪ Recall and use division facts for the 3 times table</li> <li>▪ Recall and use division facts for the 4 times table</li> <li>▪ Recall and use division facts for the 8 times table</li> <li>▪ Recall and use division facts for the 3, 4 and 8 times tables</li> <li>▪ Recall and use multiplication and division facts for the 3, 4 and 8 times tables</li> <li>▪ Solve problems involving doubling and connecting the 2, 4 and 8 times tables</li> <li>▪ Solve problems involving multiplication of a two-digit number by a one-digit number, using a mental method</li> <li>▪ Solve problems involving division of a two-digit number by a one-digit number, using a mental method</li> </ul>	<ul style="list-style-type: none"> <li>▪ Multiply three numbers together</li> <li>▪ Multiply 2 two-digit number by a one-digit number using a formal written method</li> <li>▪ Multiply a three-digit number by a one-digit number using a formal written method</li> <li>▪ Solve problems involving multiplying and adding, using the distributive law</li> <li>▪ Solve multiplication problems, including scaling and correspondence problems</li> </ul>	<p>numbers and identify prime and composite numbers</p> <ul style="list-style-type: none"> <li>▪ Know and use the vocabulary of prime factors</li> <li>▪ Multiply numbers up to 4 digits by a one-digit number, using a formal written method</li> <li>▪ Multiply numbers up to 4 digits by a one-digit number, using a formal written method</li> <li>▪ Recognise and use square numbers</li> <li>▪ Recognise and use cube numbers</li> <li>▪ Divide numbers up to 4 digits by a one-digit number using the formal written method of short division</li> <li>▪ Divide numbers up to 4 digits by a one-digit number and interpret the remainder appropriately for the context</li> <li>▪ Multiply and divide whole numbers and those involving decimals by 10, 100 and 1000</li> <li>▪ Solve problems involving multiplication and division, including scaling simple fractions and</li> </ul>	<p>number using the formal written method of long division</p> <ul style="list-style-type: none"> <li>▪ Divide numbers up to 4 digits by a two-digit whole number using the formal written method of long division and interpret the remainder as a whole number</li> </ul>
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			<ul style="list-style-type: none"> <li>Solve problems involving multiplication using a formal written method</li> <li>Solve problems involving division using a formal written method</li> <li>Solve multiplication problems, including scaling and correspondence problems</li> </ul>		problems involving simple rates	
<b>Properties of shapes / Position and direction</b>	<ul style="list-style-type: none"> <li>Recognise common 2D shapes and compare them to everyday objects</li> <li>Recognise, name and compare common 2D shapes</li> <li>Recognise common 3D shapes and compare them to everyday objects</li> <li>Recognise, name and compare common 3D shapes</li> <li>Solve problems involving 2D and 3D shapes</li> <li>Describe position, direction and movement</li> </ul>	<ul style="list-style-type: none"> <li>Identify and describe the properties of 2D shapes, including the number of sides and symmetry in a vertical line</li> <li>Identify and describe the properties of 3D shapes, including the number of edges, vertices and faces</li> <li>Identify 2D shapes on the surface of 3D shapes</li> <li>Compare and sort common 2D and 3D shapes and everyday objects</li> </ul>	<ul style="list-style-type: none"> <li>Describe and classify 2D and 3D shapes</li> <li>Recognise angles as a property of shape and connect right angles and amount of turn</li> <li>Identify horizontal and vertical lines and pairs of perpendicular and parallel lines</li> </ul>	<ul style="list-style-type: none"> <li>Classify and compare quadrilaterals and triangles based on their properties and sizes</li> <li>Identify acute and obtuse angles</li> <li>Order angles by size</li> <li>Solve problems involving 2D and 3D shapes</li> </ul>	<ul style="list-style-type: none"> <li>Know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles; identify angles</li> <li>Use the properties of rectangles to deduce related facts and find missing lengths and angles</li> <li>Distinguish between regular and irregular polygons based on reasoning about equal sides and angles</li> <li>Describe the features of shapes</li> <li>Understand the language of reflection and translation</li> </ul>	
<b>Fractions (including</b>	<ul style="list-style-type: none"> <li>Find a half of an object, shape or quantity</li> </ul>	<ul style="list-style-type: none"> <li>Recognise the fractions <math>1/2</math>, <math>1/3</math></li> </ul>	<ul style="list-style-type: none"> <li>Recognise, find and write unit fractions of a</li> </ul>	<ul style="list-style-type: none"> <li>Count up and down in hundredths; recognise that</li> </ul>	<ul style="list-style-type: none"> <li>Recognise mixed numbers and improper fractions</li> </ul>	<ul style="list-style-type: none"> <li>Use common factors to simplify fractions</li> </ul>

<p>decimals and percentages)</p>	<ul style="list-style-type: none"> <li>▪ Find a half or a quarter of an amount of money</li> <li>▪ Find a half or a quarter of an object, shape or quantity</li> <li>▪ Find a quarter of an object, shape or quantity</li> </ul>	<p>, 1/4 , 2/4 and 3/4</p> <ul style="list-style-type: none"> <li>▪ Find 1/2</li> <li>▪ Find 1/3</li> <li>▪ Find 1/4</li> <li>▪ Find 2/4</li> <li>▪ Find 3/4</li> <li>▪ Recognise, find, name and write fractions</li> <li>▪ Recognise, find, name and write fractions (money)</li> <li>▪ Count in fractions, starting from any number</li> </ul>	<p>discrete set of objects</p> <ul style="list-style-type: none"> <li>▪ Understand equivalence in unit and non-unit fractions</li> <li>▪ Add fractions with the same denominator within one whole</li> <li>▪ Subtract fractions with the same denominator within one whole</li> <li>▪ Compare and order unit fractions and non-unit fractions with the same denominator</li> <li>▪ Recognise that tenths arise from dividing an object into 10 equal parts</li> <li>▪ Solve problems involving fractions</li> </ul>	<p>hundredths arise when dividing tenths by ten</p> <ul style="list-style-type: none"> <li>▪ Recognise that hundredths arise when dividing tenths by ten</li> <li>▪ Add and subtract fractions with the same denominator</li> <li>▪ Find a unit fraction of a whole number</li> <li>▪ Find a non-unit fraction of a whole number</li> <li>▪ Divide (multiply) a one or two-digit number by 10 and identify the value of the digits in the answer</li> <li>▪ Divide (multiply) a one or two-digit number by 100 and identify the value of the digits in the answer</li> <li>▪ Round decimals with one decimal place to the nearest whole number</li> <li>▪ Compare numbers with up to two decimal places (money)</li> <li>▪ Solve problems involving fractions and decimals</li> </ul>	<p>and convert from one form to the other</p> <ul style="list-style-type: none"> <li>▪ Add fractions with the same denominator</li> <li>▪ Subtract fractions with the same denominator</li> <li>▪ Subtract fractions with denominators that are multiples of the same number</li> <li>▪ Compare and order fractions whose denominators are all multiples of the same number</li> <li>▪ Read and write decimal numbers as fractions</li> <li>▪ Multiply proper fractions and mixed numbers by whole numbers</li> <li>▪ Solve problems involving fractions</li> <li>▪ Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents</li> <li>▪ Round decimals with two decimal places to the nearest whole number and one decimal place</li> <li>▪ Read, write and order numbers with up to three decimal places</li> </ul>	<ul style="list-style-type: none"> <li>▪ Compare and order fractions, including fractions greater than 1</li> <li>▪ Add fractions with different denominators, using the concept of equivalent fractions</li> <li>▪ Subtract fractions with different denominators, using the concept of equivalent fractions</li> <li>▪ Add or subtract fractions with different denominators, using the concept of equivalent fractions</li> <li>▪ Add or subtract mixed numbers, using the concept of equivalent fractions</li> <li>▪ Multiply simple pairs of proper fractions, writing the answer in its simplest form</li> <li>▪ Divide proper fractions by whole numbers</li> <li>▪ Identify the value of each digit in numbers to three decimal places</li> <li>▪ Divide numbers by 10 giving</li> </ul>
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					<ul style="list-style-type: none"><li>▪ Solve problems involving numbers with up to three decimal places</li><li>▪ Recognise the percent symbol and solve percentage problems</li><li>▪ Write percentages as a fraction with the denominator hundred, and as a decimal</li><li>▪ Solve problems which require knowing percentage and decimal equivalents</li></ul>	<p>answers up to 3 decimal places</p> <ul style="list-style-type: none"><li>▪ Divide numbers by 100 giving answers up to 3 decimal places</li><li>▪ Divide numbers by 1000 giving answers up to 3 decimal places</li><li>▪ Multiply one-digit numbers with up to two decimal places by whole numbers</li><li>▪ Use written division methods in cases where the answer has up to two decimal places</li><li>▪ Recall and use equivalences between simple fractions, decimals and percentages, including in different contexts</li><li>▪ Solve problems involving percentages</li><li>▪ Solve problems involving fractions</li><li>▪ Solve problems involving fractions, decimals and percentages</li></ul>
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<b>Measurement</b>	<ul style="list-style-type: none"> <li>▪ Choose appropriate measuring tools</li> <li>▪ Solve problems involving knowing the value of different denominations of coins and notes</li> <li>▪ Compare lengths and heights</li> <li>▪ Solve problems involving lengths and heights</li> <li>▪ Compare mass or weight</li> <li>▪ Solve problems involving mass or weight</li> <li>▪ Compare capacity and volume</li> <li>▪ Solve problems involving capacity and volume</li> <li>▪ Compare time</li> <li>▪ Solve problems involving time</li> <li>▪ Sequence events in chronological order</li> <li>▪ Solve problems involving time to the hour and half past the hour</li> <li>▪ Recognise and use language relating to dates</li> <li>▪ Recognise and use language relating to days of the week</li> <li>▪ Recognise and use language relating to weeks, months and years</li> </ul>	<ul style="list-style-type: none"> <li>▪ Solve problems involving length/height (m/cm)</li> <li>▪ Compare and order lengths</li> <li>▪ Solve problems involving mass (kg/g)</li> <li>▪ Compare and order mass</li> <li>▪ Solve problems involving temperature (°C)</li> <li>▪ Solve problems involving capacity (l/ml)</li> <li>▪ Compare and order volume/capacity</li> <li>▪ Solve problems involving capacity, length, mass and temperature</li> </ul>	<ul style="list-style-type: none"> <li>▪ Solve problems involving comparing lengths</li> <li>▪ Solve problems involving adding and subtracting lengths</li> <li>▪ Solve problems involving comparing mass (weight)</li> <li>▪ Solve problems involving adding and subtracting mass (weight)</li> <li>▪ Solve problems involving comparing capacity</li> <li>▪ Solve problems involving adding and subtracting capacity</li> <li>▪ Solve problems involving comparing length, mass and capacity</li> <li>▪ Solve problems involving adding and subtracting length, mass and capacity</li> <li>▪ Add amounts of money and work out change</li> <li>▪ Subtract amounts of money and work out change</li> <li>▪ Add and subtract money to give amounts of change</li> </ul>	<ul style="list-style-type: none"> <li>▪ Convert between kilometres and metres</li> <li>▪ Convert between kilograms and grams</li> <li>▪ Convert between litres and millilitres</li> <li>▪ Convert between pounds and pence</li> <li>▪ Convert between units of measure (mixed)</li> <li>▪ Estimate, compare and calculate different measures</li> <li>▪ Calculate the perimeter of rectilinear figures (including squares)</li> <li>▪ Estimate, compare and calculate different amounts of money in pounds and pence</li> <li>▪ Convert between hours/minutes and seconds/minutes</li> <li>▪ Convert times between analogue and digital, 12 and 24 hour clocks</li> <li>▪ Solve problems involving converting between hours and minutes</li> <li>▪ Solve problems involving converting between minutes and seconds</li> <li>▪ Solve problems involving converting between weeks and days, years and months</li> </ul>	<ul style="list-style-type: none"> <li>▪ Convert between centimetre and metre</li> <li>▪ Convert between kilometre and metre</li> <li>▪ Convert between centimetre and millimetre</li> <li>▪ Convert between gram and kilogram</li> <li>▪ Convert between litre and millilitre</li> <li>▪ Convert between units of measure (mixed)</li> <li>▪ Understand and use equivalences between inches and centimetres</li> <li>▪ Understand and use equivalences between pounds and kilograms</li> <li>▪ Understand and use equivalences between pints and litres</li> <li>▪ Calculate the perimeter of rectangles</li> <li>▪ Calculate the areas of rectangles (including squares)</li> <li>▪ Solve problems converting between the 12 and 24 hour clock</li> <li>▪ Solve problems converting between units of time</li> </ul>	<ul style="list-style-type: none"> <li>▪ Solve problems involving the calculation and conversion of units of measure, using decimal notation up to three decimal places</li> <li>▪ Solve problems involving converting measurements of length</li> <li>▪ Solve problems involving converting measurements of mass</li> <li>▪ Solve problems involving converting measurements of volume</li> <li>▪ Solve problems involving converting measurements of time</li> <li>▪ Solve problems converting between miles and kilometres</li> </ul>
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			<ul style="list-style-type: none"> <li>▪ Know the number of seconds in a minute</li> <li>▪ Know the number of days in each month</li> <li>▪ Know the number of days in a year and a leap year</li> <li>▪ Calculate the time taken by particular events</li> <li>▪ Record and compare time in terms of seconds, minutes and hours and o'clock</li> <li>▪ Use vocabulary such as am/pm, morning, afternoon, evening, noon and midnight</li> <li>▪ Compare the duration of events</li> </ul>			
<p><b>Statistics</b></p>			<ul style="list-style-type: none"> <li>▪ Interpret data and solve problems from a tally chart</li> <li>▪ Interpret data and solve problems from a bar chart</li> <li>▪ Interpret data and solve problems from a pictogram</li> <li>▪ Interpret data and solve problems from a table</li> </ul>	<ul style="list-style-type: none"> <li>▪ Interpret data in tables</li> <li>▪ Interpret data in tally charts</li> <li>▪ Interpret data in pictograms</li> <li>▪ Interpret data in bar charts</li> <li>▪ Interpret data in line graphs</li> </ul>	<ul style="list-style-type: none"> <li>▪ Solve comparison, sum and difference problems using information presented in a line graph</li> <li>▪ Complete, read and interpret information in tables, including timetables</li> </ul>	<ul style="list-style-type: none"> <li>▪</li> </ul>

Ratio and proportion						<ul style="list-style-type: none"><li>▪ Solve problems involving the relative size of quantities using division and multiplication</li><li>▪ Solve problems involving the calculation of percentages</li><li>▪ Solve problems involving the comparison of percentages</li><li>▪ Solve problems linking percentages, angles and pie charts</li><li>▪ Solve problems involving scaling by multiplication</li><li>▪ Solve problems involving scaling by division</li><li>▪ Solve problems involving scaling by multiplication and division.</li><li>▪ Solve problems involving scaling of shapes</li><li>▪ Solve problems involving unequal groupings using knowledge of fractions and multiples</li><li>▪ Solve problems involving unequal quantities</li></ul>
Algebra						<ul style="list-style-type: none"><li>▪ Solve problems involving finding missing numbers</li></ul>

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						<p>using simple formulae</p> <ul style="list-style-type: none"><li>▪ Solve problems with linear number sequences</li><li>▪ Express missing number problems algebraically</li><li>▪ Express missing number problems algebraically</li><li>▪ Solve problems involving equations with two unknown numbers</li><li>▪ Enumerate possibilities of combinations of two variables</li></ul>
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