

# Newcomen Primary School Maths Map



Yr	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
1	<u>Number –Place Value</u> Place value to 100. Counting forwards and backwards in ones. Identify one more/less. Identify and learn number bonds to 10 and 20.	<u>Number – Multiplication</u> Calculate using arrays and pictorial representations.	<u>Number – Place Value</u> Identify and represent numbers using objects and pictorial representations including the number line and use the language of: equal to, more than, less than (fewer), most, least.	<u>Geometry – Position and Direction</u> Describe position, direction and movement. Turns in both directions and relate clockwise with movement on a clock face.	<u>Number – Place Value</u> Recognise odd and even numbers. Count in multiples of 2, 5 and 10.	<u>Measurement</u> Measure and record mass, weight, capacity, volume and time. compare, describe and solve practical problems involving measures by including related vocabulary.
	<u>Number –Place Value</u> Place value recognition and ordering. Read and write numbers to 100 in numbers. Read and write numbers from 1-20 in words.	<u>Number -Multiplication and Division</u> Calculate x and divide using objects, arrays and pictorial representations.	<u>Number – Addition and Subtraction</u> Add and subtract one and two digit numbers to 20 including zero.	<u>Number – Fractions</u> Recognise $\frac{1}{4}$ of shapes. Recognise $\frac{1}{2}$ shapes and lengths.	<u>Number – Addition and Subtraction</u> Solve one and two step problems including finding missing numbers.	<u>Geometry – Properties of Shape</u> Recognise and name common 2D and 3D shapes, in different orientations, sizes, spot these shapes around everyday life.
	<u>Number – Addition and Subtraction</u> Represent and use the number bonds and related subtraction facts within 20. Know the language for +, -and =.	<u>Number – Fractions</u> Recognise $\frac{1}{2}$ and $\frac{1}{4}$ as 2 equal parts using objects.	<u>Number – Addition and Subtraction</u> Solve one step problems that involve addition and subtraction, using concrete objects and pictorial representations and missing number problems.	<u>Number – Fractions</u> Find $\frac{1}{4}$ of shapes, objects and quantities, linking to sharing.	<u>Number -Multiplication and Division</u> Solve one step problems involving multiplication and division.	<u>Number – Addition and Subtraction</u> Solve one step problems that involve addition and subtraction, using concrete objects and pictorial representations and missing number problems. Recognise relationship of +/- as the inverse. $10-9=1$ $1+9=10$
	<u>Number – Addition and Subtraction</u> Represent and use the number bonds and related subtraction facts within 20. Know the language for +, -and =.	<u>Measurement – Money</u> Recognise and know the value of different denominations of coins and notes.	<u>Number -Multiplication and Division</u> Doubling of numbers and quantities. Make connections between arrays, number patterns, and counting in 2's, 5's and 10's.	<u>Measurement</u> Know standard units of measuring and relate to equipment used to measure. Become familiar with standard measuring tools such as a ruler, weighing scales and containers.	<u>Number – Fractions</u> Recognise and combine $\frac{1}{4}$ 's to make $\frac{1}{2}$ and wholes of shapes and quantities.	<u>Number -Multiplication and Division</u> Solve one step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher, using agreed formal written methods.
	<u>Geometry – Properties of Space</u> Recognise and name common 2D and 3D shapes.	<u>Measurement - Time</u> Sequence events in chronological order using language (next, morning, yesterday, tomorrow, etc.).	<u>Number -Multiplication and Division</u> Solve one step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher.	<u>Measurement - Time</u> Tell the time to the hour and half past the hour and draw the hands on a clock face to show these times. Use language of time throughout the day, including hands and face.	<u>Number – Fractions</u> Use knowledge of fractions to solve problems using shapes, objects and quantities. I.e. finding a half of a length.	<u>Measurement – Money</u> Recognise and know the value of different denominations of coins and notes.
	<u>Geometry – Position and Direction</u> To know and use the vocabulary related to position – middle, top, in front, above, near, close, etc.	<u>Measurement – Time</u> Recognise and use the language related to dates, including days, weeks, months, years. Know months of the year, date facts and vocabulary	<u>Geometry – Position and Direction</u> Describe position, direction and movement including whole, $\frac{1}{2}$ , $\frac{1}{4}$ and $\frac{3}{4}$ turns.	<u>Number – Fractions</u> Recognise $\frac{1}{2}$ and $\frac{1}{4}$ as 2 equal parts using objects, shapes and quantity.	<u>Measurement</u> Begin to record and measure lengths and heights using standard and non-standard units to compare.	<u>Number – Place Value</u> Create number patterns. Describe, continue and create shape, number and object patterns.

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2	<p><u>Number - Number and Place Value</u></p> <ul style="list-style-type: none"> <li>- Recognise place value of 2-digit numbers.</li> <li>- Count forward and back in steps of 2, 3 and 5 starting from 0 and from any number.</li> </ul> <p><u>Ongoing throughout the year.</u></p> <p><u>Number - Number and Place Value</u></p> <ul style="list-style-type: none"> <li>- Recognise the place value of each digit in a two digit numbers (tens, ones)</li> </ul> <p>Identify, represent and estimate numbers using different representations, including a number line.</p>	<p><u>Number - Multiplication and Division</u></p> <ul style="list-style-type: none"> <li>- Recall and use multiplication and division facts for the 2, 5 and 10 times tables, including recognising odd and even numbers.</li> </ul>	<p><u>Number - Addition and Subtraction</u></p> <ul style="list-style-type: none"> <li>- Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and missing numbers.</li> </ul> <p>Solve problems with addition and subtraction.</p>	<p><u>Fractions</u></p> <ul style="list-style-type: none"> <li>- Write simple fractions eg <math>\frac{1}{2}</math> of 6 = 3 and recognise equivalence of <math>\frac{2}{4}</math> and <math>\frac{1}{2}</math></li> </ul>	<p><u>Geometry - Properties of shape</u></p> <ul style="list-style-type: none"> <li>- Identify 2-D shapes on the surface of 3-D shapes, for example a circle on a cylinder and a triangle on a pyramid.</li> <li>- Sort and compare everyday common 2-D and 3-D shapes</li> </ul>	<p><u>Number - Addition and Subtraction</u></p> <ul style="list-style-type: none"> <li>- Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and missing numbers.</li> <li>- Solve problems with addition and subtraction.</li> </ul>
	<p><u>Number - Place value</u></p> <ul style="list-style-type: none"> <li>- To read and write numbers to at least 100 in numerals and in words.</li> <li>- Use place value and number facts to solve problems.</li> </ul>	<p><u>Number - Multiplication and Division</u></p> <ul style="list-style-type: none"> <li>- Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (x), division (÷) and equals (=)</li> </ul>	<p><u>Number - Multiplication and Division</u></p> <ul style="list-style-type: none"> <li>- Show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot.</li> <li>- Solve problems involving multiplication and division using and array.</li> </ul>	<p><u>Measurement</u></p> <ul style="list-style-type: none"> <li>- Recognise and use symbols for pounds (£) and pence (p) combine amounts to make a particular value.</li> <li>- Find different combinations of coins that equal the same amounts of money.</li> </ul>	<p><u>Geometry - Position and direction</u></p> <ul style="list-style-type: none"> <li>- Use mathematical vocabulary to describe position, direction and movement between rotation as a turn and in terms of right angles for quarter and half and three quarter turns (clockwise and anti-clockwise); and movement in straight lines.</li> </ul>	<p><u>Number - Multiplication and Division</u></p> <ul style="list-style-type: none"> <li>- Show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot.</li> <li>- Solve problems involving multiplication and division using and array.</li> </ul>
	<p><u>Number - Addition and Subtraction</u></p> <ul style="list-style-type: none"> <li>- Recall number facts to 20 for addition and subtraction.</li> <li>- Using concrete objects and pictorial representations, including those involving numbers, quantities and measures</li> <li>- Applying their increasing knowledge of mental and written methods</li> </ul>	<p><u>Fractions</u></p> <ul style="list-style-type: none"> <li>- Recognise, find, name and write fractions <math>\frac{1}{3}</math>, <math>\frac{1}{4}</math>, <math>\frac{2}{4}</math> and <math>\frac{3}{4}</math> of a shape and a set of objects.</li> </ul>	<p><u>Measurement</u></p> <p>Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature (°C); capacity (litres/ml) to the nearest measuring vessels.</p>	<p><u>Measurement</u></p> <ul style="list-style-type: none"> <li>- Solve simple problems in practical context involving addition and subtraction of money of the same unit, including giving change.</li> </ul>	<p><u>Measurement</u></p> <ul style="list-style-type: none"> <li>- Compare and order lengths, mass, volume/ capacity and record the results using &gt;, &lt; and =</li> </ul>	<p><u>Number - Multiplication and Division</u></p> <ul style="list-style-type: none"> <li>- Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods and multiplication and division facts, including problems in context.</li> </ul>
	<p><u>Number - Addition and Subtraction</u></p> <ul style="list-style-type: none"> <li>- add and subtract numbers using concrete objects, pictorial representations, and mentally, including: a two-digit number and ones</li> <li>- a two-digit number and tens</li> <li>- two two-digit numbers</li> </ul>	<p><u>Fractions</u></p> <ul style="list-style-type: none"> <li>- Recognise, find, name and write fractions <math>\frac{1}{3}</math>, <math>\frac{1}{4}</math>, <math>\frac{2}{4}</math> and <math>\frac{3}{4}</math> of a length or a quantity.</li> </ul>	<p><u>Measurement - Time</u></p> <ul style="list-style-type: none"> <li>- Compare and sequence intervals of time.</li> <li>- Tell and write the time including quarter past/to and draw hands on a clock face to show these times.</li> </ul>	<p><u>Fractions</u></p> <ul style="list-style-type: none"> <li>- Recognise, find, name and write fractions <math>\frac{1}{3}</math>, <math>\frac{1}{4}</math>, <math>\frac{2}{4}</math> and <math>\frac{3}{4}</math> of a length or a quantity.</li> <li>- Write simple fractions eg <math>\frac{1}{2}</math> of 6 = 3 and recognise equivalence of <math>\frac{2}{4}</math> and <math>\frac{1}{2}</math></li> </ul>	<p><u>Measurement</u></p> <ul style="list-style-type: none"> <li>- They become fluent in counting and recognising coins. They read and say amounts of money confidently and use the symbols £ and p accurately, recording pounds and pence separately.</li> </ul>	<p><u>Measurement</u></p> <ul style="list-style-type: none"> <li>- Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature (°C); capacity (litres/ml) to the nearest measuring vessels.</li> </ul>
	<p><u>Geometry - Properties of shape</u></p> <ul style="list-style-type: none"> <li>- Identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line</li> </ul>	<p><u>Number - Number and Place Value</u></p> <ul style="list-style-type: none"> <li>- Recognise the place value of each digit in a two digit numbers (tens, ones)</li> </ul> <p>Identify, represent and estimate numbers using different representations, including a number line.</p>	<p><u>Measurement - Time</u></p> <ul style="list-style-type: none"> <li>- Tell and write the time to five minute intervals and draw hands on a clock face to show these times.</li> <li>- Pupils become fluent in telling the time on analogue clocks and recording it.</li> </ul>	<p><u>Number - Addition and subtraction</u></p> <ul style="list-style-type: none"> <li>- Solve problems with addition and subtraction linked to numbers and a variety of different measures.</li> </ul>	<p><u>Statistics</u></p> <ul style="list-style-type: none"> <li>- Interpret and construct simple block diagrams and simple tables.</li> <li>- Ask and answer questions about totalling and comparing categorical data.</li> </ul>	<p><u>Measurement</u></p> <ul style="list-style-type: none"> <li>- Solve simple problems in practical context involving addition and subtraction of money of the same unit, including giving change.</li> </ul>
	<p><u>Geometry - Properties of Shape</u></p> <ul style="list-style-type: none"> <li>- Identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces.</li> </ul>	<p><u>Number - Place Value</u></p> <ul style="list-style-type: none"> <li>- Compare and order numbers from 0 up to 100; use &lt;, &gt;, and = signs.</li> </ul> <p><u>Number - Addition and Subtraction</u></p> <ul style="list-style-type: none"> <li>- Show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot.</li> </ul>	<p><u>Geometry - Position and direction</u></p> <ul style="list-style-type: none"> <li>- Order and arrange combinations of mathematical objects in patterns.</li> </ul>	<p><u>Number - Multiplication and Division</u></p> <ul style="list-style-type: none"> <li>- Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods and multiplication and division facts, including problems in context.</li> </ul>	<p><u>Statistics</u></p> <ul style="list-style-type: none"> <li>- Interpret and construct simple pictograms and tally charts.</li> <li>- Ask and answer questions by counting the number of objects and sorting the categories by quantity.</li> </ul>	<p><u>Statistics</u></p> <ul style="list-style-type: none"> <li>- Interpret and construct simple pictograms, tally charts, block diagrams and simple tables.</li> <li>- Ask and answer questions about totalling and comparing categorical data.</li> </ul>

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3	<p><b>Number - Number and Place Value</b></p> <ul style="list-style-type: none"> <li>- count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number</li> <li>- recognise the place value of each digit in a 3-digit number (100s, 10s, 1s)</li> <li>- compare and order numbers up to 1,000</li> </ul>	<p><b>Measure - Perimeter and Area</b></p> <ul style="list-style-type: none"> <li>- measure the perimeter of simple 2-D shapes</li> <li>- find the area of rectilinear shapes by counting squares</li> </ul>	<p><b>Number - Number and Place Value</b></p> <ul style="list-style-type: none"> <li>- compare and order numbers up to 1,000</li> <li>- identify, represent and estimate numbers using different representations</li> <li>- read and write numbers up to 1,000 in numerals and in words</li> <li>- solve number problems and practical problems involving these ideas</li> </ul>	<p><b>Measure - Time</b></p> <ul style="list-style-type: none"> <li>- tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks</li> <li>- estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minutes and hours; use vocabulary such as o'clock, am/pm, morning, afternoon, noon and midnight</li> </ul>	<p><b>Number - Number and Place Value</b></p> <ul style="list-style-type: none"> <li>- compare and order numbers up to 1,000</li> <li>- identify, represent and estimate numbers using different representations</li> <li>- read and write numbers up to 1,000 in numerals and in words</li> <li>- solve number problems and practical problems involving these ideas</li> </ul>	<p><b>Measure - Area and Perimeter</b></p> <ul style="list-style-type: none"> <li>- measure the perimeter of simple 2-D shapes</li> </ul>
	<p><b>Number - Addition</b></p> <ul style="list-style-type: none"> <li>- add numbers mentally, including: a three-digit number and 1s, a three-digit number and 10s, a three-digit number and 100s</li> <li>- add numbers with up to 3 digits, using formal written methods of columnar addition.</li> <li>- Estimate the answer to a calculation and use inverse operations to check answers</li> </ul>	<p><b>Measure - Time</b></p> <ul style="list-style-type: none"> <li>- tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks</li> <li>- estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minutes and hours; use vocabulary such as o'clock, am/pm, morning, afternoon, noon and midnight</li> <li>- know the number of seconds in a minute and the number of days in each month, year and leap year</li> </ul>	<p><b>Number - Addition and Subtraction</b></p> <ul style="list-style-type: none"> <li>- add and subtract numbers with up to 3 digits, using formal written methods of columnar addition and subtraction</li> <li>- estimate the answer to a calculation and use inverse operations to check answers</li> <li>- solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction</li> <li>- add and subtract amounts of money to give change, using both £ and p in practical contexts</li> </ul>	<p><b>Measure - Perimeter and Area</b></p> <ul style="list-style-type: none"> <li>- measure the perimeter of simple 2-D shapes</li> <li>- find the area of rectilinear shapes by counting squares</li> </ul>	<p><b>Number - Addition and Subtraction</b></p> <ul style="list-style-type: none"> <li>- add and subtract numbers with up to 3 digits, using formal written methods of columnar addition and subtraction</li> <li>- estimate the answer to a calculation and use inverse operations to check answers</li> <li>- solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction</li> </ul>	<p><b>Measure - Time</b></p> <ul style="list-style-type: none"> <li>- tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks</li> <li>- estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minutes and hours;</li> <li>- use vocabulary such as o'clock, am/pm, morning, afternoon, noon and midnight</li> <li>- know the number of seconds in a minute and the number of days in each month, year and leap year</li> </ul>
	<p><b>Number - Subtraction</b></p> <ul style="list-style-type: none"> <li>- Subtract numbers mentally, including: a three-digit number and 1s, a three-digit number and 10s, a three-digit number and 100s</li> <li>- Subtract numbers with up to 3 digits, using formal written methods of columnar addition.</li> <li>- estimate the answer to a calculation and use inverse operations to check answers</li> </ul>	<p><b>Geometry - Properties of Shape</b></p> <ul style="list-style-type: none"> <li>- draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them</li> <li>- recognise angles as a property of shape or a description of a turn</li> </ul>	<p><b>Number - Multiplication</b></p> <ul style="list-style-type: none"> <li>- recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables</li> <li>- write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods</li> <li>- solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects</li> </ul>	<p><b>Geometry - Properties of Shape</b></p> <ul style="list-style-type: none"> <li>- recognise angles as a property of shape or a description of a turn</li> <li>- identify right angles, recognise that 2 right angles make a half-turn, 3 make three-quarters of a turn and 4 a complete turn; identify whether angles are greater than or less than a right angle</li> <li>- identify horizontal and vertical lines and pairs of perpendicular and parallel lines</li> </ul>	<p><b>Number - Multiplication and Division</b></p> <ul style="list-style-type: none"> <li>- recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables</li> <li>- write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods</li> <li>- solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects</li> </ul>	<p><b>Geometry - Properties of Shape</b></p> <ul style="list-style-type: none"> <li>- recognise angles as a property of shape or a description of a turn</li> <li>- identify right angles, recognise that 2 right angles make a half-turn, 3 make three-quarters of a turn and 4 a complete turn; identify whether angles are greater than or less than a right angle</li> <li>- identify horizontal and vertical lines and pairs of perpendicular and parallel lines</li> </ul>
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	<p><b>Number - Fractions</b></p> <ul style="list-style-type: none"> <li>- count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10</li> <li>- recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators</li> <li>- recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators</li> </ul>	<p><b>Statistics - Interpret and Present</b></p> <ul style="list-style-type: none"> <li>- interpret and present data using bar charts, pictograms and tables</li> <li>- solve one-step and two-step questions [for example 'How many more?' and 'How many fewer?'] using information presented in scaled bar charts and pictograms and tables</li> </ul>	<p><b>Number - Fractions and Decimals</b></p> <ul style="list-style-type: none"> <li>- recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators</li> <li>- recognise and show, using diagrams, equivalent fractions with small denominators</li> <li>- add and subtract fractions with the same denominator within one whole [for example, <math>\frac{1}{2} + \frac{1}{2}</math>]</li> <li>- compare and order unit fractions, and fractions with the same denominators</li> <li>- solve problems that involve all of the above</li> </ul>	<p><b>Statistics - Interpret and Present</b></p> <ul style="list-style-type: none"> <li>- interpret and present data using bar charts, pictograms and tables</li> <li>- solve one-step and two-step questions [for example 'How many more?' and 'How many fewer?'] using information presented in scaled bar charts and pictograms and tables</li> </ul>	<p><b>Number - Fractions and Decimals</b></p> <ul style="list-style-type: none"> <li>- count up and down in hundredths; recognise that hundredths arise when dividing an object by 100 and dividing tenths by 10</li> <li>- solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number</li> <li>- recognise and write decimal equivalents of any number of tenths or hundredths</li> <li>- find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths</li> <li>- round decimals with 1 decimal place to the nearest whole number</li> <li>- solve simple measure and money problems involving fractions and decimals to 2 decimal places</li> </ul>	<p><b>Statistics - Interpret and Present</b></p> <ul style="list-style-type: none"> <li>- interpret and present data using bar charts, pictograms and tables</li> <li>- solve one-step and two-step questions [for example 'How many more?' and 'How many fewer?'] using information presented in scaled bar charts and pictograms and tables</li> </ul>
	<p><b>Measure - Units of Measure</b></p> <ul style="list-style-type: none"> <li>- measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)</li> </ul>	<p><b>Statistics - Solve Compare</b></p> <ul style="list-style-type: none"> <li>- interpret and present data using bar charts, pictograms and tables</li> <li>- solve one-step and two-step questions [for example 'How many more?' and 'How many fewer?'] using information presented in scaled bar charts and pictograms and tables</li> </ul>	<p><b>Measure - Units of Measure</b></p> <ul style="list-style-type: none"> <li>- measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)</li> <li>- add and subtract amounts of money to give change, using both £ and p in practical contexts</li> </ul>	<p><b>Statistics - Solve Compare</b></p> <ul style="list-style-type: none"> <li>- interpret and present data using bar charts, pictograms and tables</li> <li>- solve one-step and two-step questions [for example 'How many more?' and 'How many fewer?'] using information presented in scaled bar charts and pictograms and tables</li> </ul>	<p><b>Measure - Units of Measure</b></p> <ul style="list-style-type: none"> <li>- measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)</li> <li>- add and subtract amounts of money to give change, using both £ and p in practical contexts</li> </ul>	<p><b>Statistics - Solve Compare</b></p> <ul style="list-style-type: none"> <li>- interpret and present data using bar charts, pictograms and tables</li> <li>- solve one-step and two-step questions [for example 'How many more?' and 'How many fewer?'] using information presented in scaled bar charts and pictograms and tables</li> </ul>

Yr	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
4	<p><u>Number - Number and Place Value</u></p> <ul style="list-style-type: none"> <li>- count in multiples of 6, 7, 9, 25 and 1,000</li> <li>- find 1,000 more or less than a given number</li> <li>- count backwards through 0 to include negative numbers</li> <li>- recognise the place value of each digit in a four-digit number (1,000s, 100s, 10s, and 1s)</li> <li>- order and compare numbers beyond 1,000</li> </ul>	<p><u>Measure - Perimeter and Area</u></p> <ul style="list-style-type: none"> <li>- measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres</li> <li>- find the area of rectilinear shapes by counting squares</li> </ul>	<p><u>Number - Number and Place Value</u></p> <ul style="list-style-type: none"> <li>- identify, represent and estimate numbers using different representations</li> </ul>	<p><u>Measure - Perimeter and Area</u></p> <ul style="list-style-type: none"> <li>- measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres</li> <li>- find the area of rectilinear shapes by counting squares</li> </ul>	<p><u>Number - Number and Place Value</u></p> <ul style="list-style-type: none"> <li>- round any number to the nearest 10, 100 or 1,000</li> <li>- solve number and practical problems that involve all of the above and with increasingly large positive numbers</li> <li>- read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of 0 and place value</li> </ul>	<p><u>Measure - Area and Perimeter</u></p> <ul style="list-style-type: none"> <li>- measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres</li> <li>- find the area of rectilinear shapes by counting squares</li> </ul>
	<p><u>Number - Addition</u></p> <ul style="list-style-type: none"> <li>- add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate</li> <li>- estimate and use inverse operations to check answers to a calculation</li> </ul>	<p><u>Geometry - Position and Direction</u></p> <ul style="list-style-type: none"> <li>- describe positions on a 2-D grid as coordinates in the first quadrant</li> </ul>	<p><u>Number - Addition and Subtraction</u></p> <ul style="list-style-type: none"> <li>- add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate</li> <li>- solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why</li> </ul>	<p><u>Measure - Time</u></p> <ul style="list-style-type: none"> <li>- read, write and convert time between analogue and digital 12- and 24-hour clocks</li> <li>- solve problems involving converting from hours to minutes, minutes to seconds, years to months, weeks to days</li> </ul>	<p><u>Number - Addition and Subtraction</u></p> <ul style="list-style-type: none"> <li>- add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate</li> <li>- solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why</li> </ul>	<p><u>Measure - Time</u></p> <ul style="list-style-type: none"> <li>- read, write and convert time between analogue and digital 12- and 24-hour clocks</li> <li>- solve problems involving converting from hours to minutes, minutes to seconds, years to months, weeks to days</li> </ul>
	<p><u>Number - Subtraction</u></p> <ul style="list-style-type: none"> <li>- add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate</li> <li>- estimate and use inverse operations to check answers to a calculation</li> </ul>	<p><u>Measure - Time</u></p> <ul style="list-style-type: none"> <li>- read, write and convert time between analogue and digital 12- and 24-hour clocks</li> <li>- solve problems involving converting from hours to minutes, minutes to seconds, years to months, weeks to days</li> </ul>	<p><u>Number - Multiplication</u></p> <ul style="list-style-type: none"> <li>- multiply two-digit and three-digit numbers by a one-digit number using formal written layout</li> <li>- solve problems involving multiplying and adding, including using the distributive law to multiply two-digit numbers by 1 digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects</li> </ul>	<p><u>Geometry - Properties of Shape</u></p> <ul style="list-style-type: none"> <li>- identify acute and obtuse angles and compare and order angles up to 2 right angles by size</li> </ul>	<p><u>Number - Multiplication and Division</u></p> <ul style="list-style-type: none"> <li>- multiply two-digit and three-digit numbers by a one-digit number using formal written layout</li> <li>- solve problems involving multiplying and adding, including using the distributive law to multiply two-digit numbers by 1 digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects</li> </ul>	<p><u>Geometry - Properties of Shape</u></p> <ul style="list-style-type: none"> <li>- identify lines of symmetry in 2-D shapes presented in different orientations</li> <li>- complete a simple symmetric figure with respect to a specific line of symmetry</li> </ul>
	<p><u>Number - Multiplication and Division</u></p> <ul style="list-style-type: none"> <li>- use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together 3 numbers</li> <li>- multiply two-digit and three-digit numbers by a one-digit number using formal written layout</li> </ul>	<p><u>Statistics - Interpret and Present</u></p> <ul style="list-style-type: none"> <li>- interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs</li> </ul>	<p><u>Number - Division</u></p> <ul style="list-style-type: none"> <li>- recall multiplication and division facts for multiplication tables up to <math>12 \times 12</math></li> <li>- use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together 3 numbers</li> </ul>	<p><u>Geometry - Position and Direction</u></p> <ul style="list-style-type: none"> <li>- describe movements between positions as translations of a given unit to the left/right and up/down</li> </ul>	<p><u>Number - Fractions and Decimals</u></p> <ul style="list-style-type: none"> <li>- round decimals with 1 decimal place to the nearest whole number</li> <li>- compare numbers with the same number of decimal places up to 2 decimal places</li> <li>- solve simple measure and money problems involving fractions and decimals to 2 decimal places</li> </ul>	<p><u>Geometry - Position and Direction</u></p> <ul style="list-style-type: none"> <li>- plot specified points and draw sides to complete a given polygon</li> </ul>
	<p><u>Number - Fractions</u></p> <ul style="list-style-type: none"> <li>- recognise and show, using diagrams, families of common equivalent fractions</li> <li>- count up and down in hundredths;</li> <li>- recognise that hundredths arise when dividing an object by 100 and dividing tenths by 10</li> <li>- solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number</li> </ul>	<p><u>Statistics - Solve Compare</u></p> <ul style="list-style-type: none"> <li>- solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs</li> </ul>	<p><u>Number - Fractions and Decimals</u></p> <ul style="list-style-type: none"> <li>- add and subtract fractions with the same denominator</li> <li>- recognise and write decimal equivalents of any number of tenths or hundreds</li> <li>- recognise and write decimal equivalents to <math>\frac{1}{2}</math>, <math>\frac{1}{4}</math> and <math>\frac{3}{4}</math>,</li> <li>- find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths</li> </ul>	<p><u>Statistics - Interpret and Present</u></p> <ul style="list-style-type: none"> <li>- interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs</li> </ul>	<p><u>Number - Fractions and Decimals</u></p> <ul style="list-style-type: none"> <li>- count up and down in hundredths; recognise that hundredths arise when dividing an object by 100 and dividing tenths by 10</li> <li>- solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number</li> <li>- recognise and write decimal equivalents of any number of tenths or hundreds</li> <li>- find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths</li> <li>- round decimals with 1 decimal place to the nearest whole number</li> <li>- solve simple measure and money problems involving fractions and decimals to 2 decimal places</li> </ul>	<p><u>Statistics - Interpret and Present</u></p> <ul style="list-style-type: none"> <li>- interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs</li> </ul>
	<p><u>Measure - Units of Measure</u></p> <ul style="list-style-type: none"> <li>- convert between different units of measure [for example, kilometre to metre; hour to minute]</li> </ul>	<p><u>Geometry - Properties of Shape</u></p> <ul style="list-style-type: none"> <li>- compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes</li> </ul>	<p><u>Measure - Units of Measure</u></p> <ul style="list-style-type: none"> <li>- convert between different units of measure [for example, kilometre to metre; hour to minute]</li> </ul>	<p><u>Statistics - Solve Compare</u></p> <ul style="list-style-type: none"> <li>- solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs</li> </ul>	<p><u>Measure - Units of Measure</u></p> <ul style="list-style-type: none"> <li>- convert between different units of measure [for example, kilometre to metre; hour to minute]</li> </ul>	<p><u>Statistics - Solve Compare</u></p> <ul style="list-style-type: none"> <li>- solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs</li> </ul>

5	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2	
1	<b>Number and Place Value</b> <ul style="list-style-type: none"> <li>read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit</li> <li>interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero</li> <li>round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000</li> </ul>	<b>Fractions continued</b> <ul style="list-style-type: none"> <li>recognise the per cent symbol (%) and understand that per cent relates to 'number of parts per hundred', and write percentages as a fraction with denominator 100, and as a decimal</li> </ul>	<b>Number and Place Value</b> <ul style="list-style-type: none"> <li>count forwards or backwards in steps of powers of 10 for any given number up to 1 000 000</li> <li>solve number problems and practical problems that involve all of the above</li> <li>read Roman numerals to 1000 (M) and recognise years written in Roman numerals</li> <li>Prior concepts revisited and reinforced</li> </ul>	<b>Fractions continued</b> <ul style="list-style-type: none"> <li>recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements <math>&gt; 1</math> as a mixed number [for example, <math>+ = = 1</math> ]</li> <li>Prior concepts revisited and reinforced</li> </ul>	<b>Number and Place Value</b> <ul style="list-style-type: none"> <li>Prior concepts revisited and reinforced</li> </ul>	<b>Fractions continued</b> <ul style="list-style-type: none"> <li>solve problems involving number up to three decimal places</li> <li>solve problems which require knowing percentage and decimal equivalents of <math>, , ,</math> and those fractions with a denominator of a multiple of 10 or 25</li> <li>Prior concepts revisited and reinforced</li> </ul>	
	2	<b>Measure</b> <ul style="list-style-type: none"> <li>convert between different units of metric measure (for example, kilometre and metre; centimetre and metre; centimetre and millimetre; gram and kilogram; litre and millilitre)</li> </ul>					<b>Measure</b> <ul style="list-style-type: none"> <li>use all four operations to solve problems involving measure [for example, length, mass, volume, money] using decimal notation, including scaling</li> <li>Prior concepts revisited and reinforced</li> </ul>
3	<b>Addition and Subtraction</b> <ul style="list-style-type: none"> <li>add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction)</li> <li>add and subtract numbers mentally with increasingly large numbers</li> </ul>	<ul style="list-style-type: none"> <li>measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres</li> <li>calculate and compare the area of rectangles (including squares), and including using standard units, square centimetres (<math>\text{cm}^2</math>) and square metres (<math>\text{m}^2</math>)</li> </ul>	<b>Addition and Subtraction</b> <ul style="list-style-type: none"> <li>solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why.</li> <li>Prior concepts revisited and reinforced</li> </ul>	<b>Addition and Subtraction</b> <ul style="list-style-type: none"> <li>use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy</li> <li>Prior concepts revisited and reinforced</li> </ul>	<b>Addition and Subtraction</b> <ul style="list-style-type: none"> <li>use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy</li> <li>Prior concepts revisited and reinforced</li> </ul>	<b>Addition and Subtraction</b> <ul style="list-style-type: none"> <li>use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy</li> <li>Prior concepts revisited and reinforced</li> </ul>	
4	<b>Multiplication and Division</b> <ul style="list-style-type: none"> <li>identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers</li> <li>know and use the vocabulary of prime numbers, prime factors and composite (non-prime) numbers</li> <li>recall prime numbers up to 19</li> <li>multiply numbers up to 4 digits by a one- or two-digit number using a formal written method, including long multiplication for two-digit numbers</li> <li>divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context</li> <li>recognise and use square numbers and cube numbers, and the notation for squared (<math>^2</math>) and cubed (<math>^3</math>)</li> </ul>	<b>Geometry – Shape</b> <ul style="list-style-type: none"> <li>identify 3-D shapes, including cubes and other cuboids, from 2-D representations</li> <li>identify: <ul style="list-style-type: none"> <li>angles at a point and one whole turn (total <math>360^\circ</math>)</li> <li>angles at a point on a straight line and a turn (total <math>180^\circ</math>)</li> <li>other multiples of <math>90^\circ</math></li> </ul> </li> </ul>	<b>Multiplication and Division</b> <ul style="list-style-type: none"> <li>establish whether a number up to 100 is prime and</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 using their knowledge of factors and multiples, squares and cubes</li> <li>solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign</li> <li>Prior concepts revisited and reinforced</li> </ul>	<b>Geometry – Shape</b> <ul style="list-style-type: none"> <li>know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles</li> <li>draw given angles, and measure them in degrees (<math>^\circ</math>)</li> <li>Prior concepts revisited and reinforced</li> </ul>	<b>Geometry – Properties and direction</b> <ul style="list-style-type: none"> <li>Prior concepts revisited and reinforced</li> </ul>	<b>Multiplication and Division</b> <ul style="list-style-type: none"> <li>multiply and divide numbers mentally drawing upon known facts</li> <li>solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates</li> <li>Prior concepts revisited and reinforced</li> </ul>	<b>Geometry – Shape</b> <ul style="list-style-type: none"> <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>Prior concepts revisited and reinforced</li> </ul>
	5	<b>Geometry – Properties and direction</b> <ul style="list-style-type: none"> <li>identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language, and know that the shape has not changed</li> </ul>					
6	<b>Fractions</b> <ul style="list-style-type: none"> <li>compare and order fractions whose denominators are all multiples of the same number</li> <li>add and subtract fractions with the same denominator and denominators that are multiples of the same number</li> <li>read and write decimal numbers as fractions [for example, <math>0.71 = \frac{71}{100}</math> ]</li> </ul>	<b>Statistics</b> <ul style="list-style-type: none"> <li>complete, read and interpret information in tables, including timetables.</li> </ul>	<b>Fractions</b> <ul style="list-style-type: none"> <li>identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths</li> </ul>	<b>Statistics</b> <ul style="list-style-type: none"> <li>solve comparison, sum and difference problems using information presented in a line graph</li> <li>Prior concepts revisited and reinforced</li> </ul>	<b>Fractions</b> <ul style="list-style-type: none"> <li>multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams</li> <li>recognise and use thousandths and decimal equivalents</li> <li>round decimals with two decimal places to the nearest whole number and to one decimal place</li> <li>read, write, order and compare numbers with up to three decimal places</li> </ul>	<b>Statistics</b> <ul style="list-style-type: none"> <li>Prior concepts revisited and reinforced</li> </ul>	

6	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
1	<b>Number and Place Value</b> <ul style="list-style-type: none"> <li>read, write, order and compare numbers up to 10 000 000 and determine the value of each digit</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> </ul>	<b>Ratio/Algebra</b> <ul style="list-style-type: none"> <li>solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts</li> <li>solve problems involving the calculation of percentages [for example, of measures, and such as 15% of 360] and the use of percentages for comparison</li> <li>use simple formula</li> </ul>	<b>Number and Place Value</b> <ul style="list-style-type: none"> <li>Prior concepts revisited and reinforced</li> </ul>	<b>Ratio/Algebra</b> <ul style="list-style-type: none"> <li>solve problems involving unequal sharing and grouping using knowledge of fractions and multiples.</li> <li>Prior concepts revisited and reinforced</li> </ul>	<b>Number and Place Value</b> <ul style="list-style-type: none"> <li>solve number and practical problems that involve all of the above</li> <li>Prior concepts revisited and reinforced</li> </ul>	<b>Ratio/Algebra</b> <ul style="list-style-type: none"> <li>solve problems involving similar shapes where the scale factor is known or can be found</li> <li>generate and describe linear number sequences</li> <li>express missing number problems algebraically</li> <li>find pairs of numbers that satisfy an equation with two unknowns</li> <li>enumerate possibilities of combinations of two variables.</li> <li>Prior concepts revisited and reinforced</li> </ul>
		<b>Measurements</b> <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 where appropriate</li> <li>use, read, write and 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, using decimal notation to up to three decimal places</li> <li>recognise when it is possible to use formulae for area and volume of shapes</li> <li>calculate the area of parallelograms and triangles</li> </ul>	<b>Measurements</b> <ul style="list-style-type: none"> <li>convert between miles and kilometres</li> <li>calculate, estimate and compare volume of cubes and cuboids using standard units, including cubic centimetres (cm<sup>3</sup>) and cubic metres (m<sup>3</sup>), and extending to other units [for example, mm<sup>3</sup> and km<sup>3</sup>].</li> <li>Prior concepts revisited and reinforced</li> </ul>	<b>Measurements</b> <ul style="list-style-type: none"> <li>recognise that shapes with the same areas can have different perimeters and vice versa</li> <li>Prior concepts revisited and reinforced</li> </ul>		
2	<b>Addition and Subtraction Multiplication and Division</b> <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 number using the formal written method of long division,</li> <li>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</li> </ul>	<b>Geometry – properties of shape</b> <ul style="list-style-type: none"> <li>draw 2-D shapes using given dimensions and angles</li> <li>recognise, describe and build simple 3-D shapes, including making nets</li> </ul>	<b>Addition and Subtraction Multiplication and Division</b> <ul style="list-style-type: none"> <li>interpret remainders as whole number remainders, fractions, or by rounding, as appropriate for the context</li> <li>perform mental calculations, including with mixed operations and large numbers</li> <li>identify common factors, common multiples and prime numbers</li> </ul>	<b>Addition and Subtraction Multiplication and Division</b> <ul style="list-style-type: none"> <li>solve problems involving addition, subtraction, multiplication and division</li> <li>use estimation to check answers to calculations and determine, in the context of a problem, an appropriate degree of accuracy</li> <li>Prior concepts revisited and reinforced</li> </ul>	<b>Addition and Subtraction Multiplication and Division</b> <ul style="list-style-type: none"> <li>solve problems involving addition, subtraction, multiplication and division</li> <li>use estimation to check answers to calculations and determine, in the context of a problem, an appropriate degree of accuracy</li> <li>Prior concepts revisited and reinforced</li> </ul>	<b>Geometry – properties of shape</b> <ul style="list-style-type: none"> <li>recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles.</li> <li>Prior concepts revisited and reinforced</li> </ul>
			<b>Geometry – properties of direction</b> <ul style="list-style-type: none"> <li>associate a fraction with division and calculate decimal fraction equivalents [for example, 0.375] for a simple fraction [for example, <math>\frac{3}{8}</math>]</li> <li>identify the value of each digit in numbers given to three decimal places and multiply and divide numbers by 10, 100 and 1000 giving answers up to three decimal places</li> <li>multiply one-digit numbers with up to two decimal places by whole numbers</li> <li>Prior concepts revisited and reinforced</li> </ul>	<b>Geometry – properties of direction</b> <ul style="list-style-type: none"> <li>draw and translate simple shapes on the coordinate plane, and reflect them in the axes.</li> <li>Prior concepts revisited and reinforced</li> </ul>		
3	<b>Fractions</b> <ul style="list-style-type: none"> <li>use common factors to simplify fractions; use common multiples to express fractions in the same denomination</li> <li>compare and order fractions, including fractions <math>&gt; 1</math></li> <li>add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions</li> <li>multiply simple pairs of proper fractions, writing the answer in its simplest form [for example, <math>\frac{2}{3} \times \frac{3}{4} = \frac{1}{2}</math>]</li> <li>divide proper fractions by whole numbers [for example, <math>\frac{2}{3} \div 2 = \frac{1}{3}</math>]</li> </ul>	<b>Statistics</b> <ul style="list-style-type: none"> <li>calculate and interpret the mean as an average.</li> </ul>	<b>Geometry – properties of direction</b> <ul style="list-style-type: none"> <li>use their knowledge of the order of operations to carry out calculations involving the four operations</li> <li>solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why</li> <li>Prior concepts revisited and reinforced</li> </ul>	<b>Geometry – properties of shape</b> <ul style="list-style-type: none"> <li>compare and classify geometric shapes based on their properties and sizes and find unknown angles in any triangles, quadrilaterals, and regular polygons</li> <li>illustrate and name parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius</li> <li>Prior concepts revisited and reinforced</li> </ul>	<b>Fractions</b> <ul style="list-style-type: none"> <li>use written division methods in cases where the answer has up to two decimal places</li> <li>solve problems which require answers to be rounded to specified degrees of accuracy</li> <li>recall and use equivalences between simple fractions, decimals and percentages, including in different contexts.</li> <li>Prior concepts revisited and reinforced</li> </ul>	<b>Geometry – properties of direction</b> <ul style="list-style-type: none"> <li>Prior concepts revisited and reinforced</li> </ul>
			<b>Fractions</b> <ul style="list-style-type: none"> <li>describe positions on the full coordinate grid (all four quadrants)</li> </ul>	<b>Statistics</b> <ul style="list-style-type: none"> <li>interpret and construct pie charts and line graphs and use these to solve problems</li> </ul>		
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