

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<p><b><u>Number:</u></b>  <b>Number and Place Value:</b>                      - Recognise the place value of each digit in a three-digit number (hundreds, tens, ones).                      - Read and write numbers up to 1000 in numerals and in words.                      - Solve number problems and practical problems involving these ideas.</p> <p><b><u>Number:</u></b>  <b>Addition and Subtraction:</b>                      - Add and subtract numbers mentally, including:                      ♣ a three-digit number and ones ♣ a three-digit number and tens ♣ a three-digit number and hundreds.</p> <p><b><u>Number:</u></b>  <b>Multiplication and Division:</b>                      - Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables.</p>	<p><b><u>Number:</u></b>  <b>Number and Place Value:</b>                      - Compare and order numbers up to 1000.                      - Solve number problems and practical problems involving these ideas.</p> <p><b><u>Number:</u></b>  <b>Addition and Subtraction:</b>                      - Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction.</p> <p><b><u>Number:</u></b>  <b>Fractions:</b>                      - 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.                      - Recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators.                      - Solve problems that involve all of the above.</p>	<p><b><u>Number:</u></b>  <b>Number and Place Value:</b>                      - Count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number.                      - Solve number problems and practical problems involving these ideas.</p> <p><b><u>Number:</u></b>  <b>Addition and Subtraction:</b>                      - Add and subtract numbers mentally, including:                      ♣ a three-digit number and ones ♣ a three-digit number and tens ♣ a three-digit number and hundreds- Revisit.</p> <p><b><u>Number:</u></b>  <b>Multiplication and Division:</b>                      - Write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit</p>	<p><b><u>Number:</u></b>  <b>Number and Place Value:</b>                      - Identify, represent and estimate numbers using different representations.                      - Solve number problems and practical problems involving these ideas.</p> <p><b><u>Number:</u></b>  <b>Addition and Subtraction:</b>                      - Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction- Revisit.</p> <p><b><u>Number:</u></b>  <b>Fractions:</b>                      - Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators.                      - Recognise and show, using diagrams, equivalent fractions with small denominators.                      - Solve problems that involve all of the above.</p>	<p><b><u>Number:</u></b>  <b>Addition and Subtraction:</b>                      - Estimate the answer to a calculation and use inverse operations to check answers.</p> <p><b><u>Number:</u></b>  <b>Multiplication and Division:</b>                      - 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- Revisit.</p> <p><b><u>Measurement:</u></b>  <b>Volume/ Capacity:</b>                      - Measure, compare, add and subtract: volume/capacity (l/ml).</p>	<p><b><u>Number:</u></b>  <b>Addition and Subtraction:</b>                      - Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction.</p> <p><b><u>Number:</u></b>  <b>Multiplication and Division:</b>                      - 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.</p> <p><b><u>Number:</u></b>  <b>Fractions:</b>                      - Add and subtract fractions with the same denominator within one whole [for example, <math>5/7 + 1/7 = 6/7</math>].                      - Compare and order unit fractions, and fractions with the same denominators.                      - Solve problems that involve all of the above.</p>

<p><b><u>Measurement:</u></b></p> <p><b>Length:</b></p> <ul style="list-style-type: none"> <li>- Measure, compare, add and subtract: lengths (m/cm/mm)</li> <li>- Measure the perimeter of simple 2-D shapes.</li> </ul> <p><b><u>Geometry:</u></b></p> <p><b>Angles:</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 two right angles make a half-turn, three make three quarters of a turn and four a complete turn; identify whether angles are greater than or less than a right angle.</li> </ul>	<p><b><u>Measurement:</u></b></p> <p><b>Money:</b></p> <ul style="list-style-type: none"> <li>- Add and subtract amounts of money to give change, using both £ and p in practical contexts.</li> </ul> <p><b><u>Statistics</u></b></p> <ul style="list-style-type: none"> <li>- Interpret and present data using <b>pictograms</b> and <b>tables</b>.</li> <li>- Solve one-step and two-step questions [for example, 'How many more?' and 'How many fewer?'] using information presented in scaled <b>pictograms</b> and <b>tables</b>.</li> </ul>	<p>numbers times one-digit numbers, using mental and progressing to formal written methods.</p> <p><b><u>Measurement:</u></b></p> <p><b>Mass:</b></p> <ul style="list-style-type: none"> <li>- Measure, compare, add and subtract mass (kg/g).</li> </ul> <p><b><u>Geometry:</u></b></p> <p><b>Properties of Shape:</b></p> <ul style="list-style-type: none"> <li>- Identify horizontal and vertical lines and pairs of perpendicular and parallel lines.</li> </ul>	<p><b><u>Measurement:</u></b></p> <p><b>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, a.m./p.m., morning, afternoon, noon and midnight.</li> </ul> <p><b><u>Statistics</u></b></p> <ul style="list-style-type: none"> <li>- Interpret and present data using <b>bar charts</b>.</li> <li>- Solve one-step and two-step questions [for example, 'How many more?' and 'How many fewer?'] using information presented in scaled <b>bar charts</b>.</li> </ul>	<p><b><u>Geometry:</u></b></p> <p><b>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> </ul>	<p><b><u>Measurement:</u></b></p> <p><b>Time:</b></p> <ul style="list-style-type: none"> <li>- Know the number of seconds in a minute and the number of days in each month, year and leap year</li> <li>- Compare durations of events [for example to calculate the time taken by particular events or tasks].</li> </ul>
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