

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<p><u>Number:</u> Number and Place Value:</p> <ul style="list-style-type: none"> - Count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number. - Recognise the place value of each digit in a three-digit number (hundreds, tens, ones). <ul style="list-style-type: none"> - Compare and order numbers up to 1000. - Identify, represent and estimate numbers using different representations. - Read and write numbers up to 1000 in numerals and in words. - Solve number problems and practical problems involving these ideas. <p><u>Number:</u> Addition and Subtraction:</p> <ul style="list-style-type: none"> - Add and subtract numbers mentally, including: <ul style="list-style-type: none"> - a three-digit number and ones - a three-digit number and tens - a three-digit number and hundreds. 	<p><u>Number:</u> Addition and Subtraction:</p> <ul style="list-style-type: none"> - Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction. - Estimate the answer to a calculation and use inverse operations to check answers - Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction. <p><u>Number:</u> Multiplication and Division:</p> <ul style="list-style-type: none"> - Revisit multiples of 2, 5 and 10 from Year 2. <ul style="list-style-type: none"> - Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables. 	<p><u>Number:</u> Multiplication and Division:</p> <ul style="list-style-type: none"> - 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. - 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><u>Measurement:</u> Length and Perimeter:</p> <ul style="list-style-type: none"> - Measure, compare, add and subtract lengths (m/cm/mm). - Measure the perimeter of simple 2-D shapes. 	<p><u>Number:</u> Fractions:</p> <ul style="list-style-type: none"> - 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 and use fractions as numbers: unit fractions and non-unit fractions with small denominators. <ul style="list-style-type: none"> - Compare and order unit fractions, and fractions with the same denominators. - Recognise and show, using diagrams, equivalent fractions with small denominators. - Solve problems that involve all of the above. <p><u>Measurement:</u> Mass and Capacity:</p> <ul style="list-style-type: none"> - Measure, compare, add and subtract: mass (kg/g); volume/capacity (l/ml). 	<p><u>Number:</u> Fractions:</p> <ul style="list-style-type: none"> - Add and subtract fractions with the same denominator within one whole [for example, $5/7 + 1/7 = 6/7$]. - 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><u>Measurement:</u> Money:</p> <ul style="list-style-type: none"> - Add and subtract amounts of money to give change, using both £ and p in practical contexts. <p><u>Measurement:</u> Time:</p> <ul style="list-style-type: none"> - Tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks <ul style="list-style-type: none"> - Estimate and read time with increasing accuracy to the nearest minute; record 	<p><u>Measurement:</u> Time:</p> <ul style="list-style-type: none"> - Know the number of seconds in a minute and the number of days in each month, year and leap year. - Compare durations of events [for example to calculate the time taken by particular events or tasks]. <p><u>Geometry:</u> Properties of Shape:</p> <ul style="list-style-type: none"> - Draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them. - Recognise angles as a property of shape or a description of a turn <ul style="list-style-type: none"> - 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.

				<p>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.</p>	<ul style="list-style-type: none"> - Identify horizontal and vertical lines and pairs of perpendicular and parallel lines. <p style="text-align: center;"><u>Statistics:</u></p> <ul style="list-style-type: none"> - Interpret and present data using bar charts, pictograms and tables. - 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.
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