

Year 2 Term by Term Objectives

	<u>Number and Place Value</u>	<u>Addition and Subtraction</u>	<u>Measurement: Money</u>	<u>Geometry - Properties of Shape</u>	<u>Multiplication and Division</u>
Autumn	<p>Read and write numbers to at least 100 in numerals and words.</p> <p>Recognise the place value of each digit in a two digit number (tens, ones)</p> <p>Identify, represent and estimate numbers using different representations including the number line.</p> <p>Compare and order numbers from 0 up to 100; use $<$, $>$ and $=$ signs.</p> <p>Use place value and number facts to solve problems.</p> <p>Count in steps of 2, 3 and 5 from 0 and in tens from any number, forward and backward.</p>	<p>Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100.</p> <p>Add and subtract numbers using concrete objects, pictorial representations, and mentally, including a two-digit number and ones; a two-digit number and tens; adding three one-digit numbers.</p> <p>Show that the addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot.</p> <p>Solve problems with addition and subtraction: using concrete objects and pictorial representations, including those involving numbers, quantities and measures.</p> <p>Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems.</p>	<p>Recognise and use symbols of pounds (£) and pence (p); combine amounts to make a particular value.</p> <p>Find different combinations of coins that equal the same amounts of money.</p> <p>Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change.</p>	<p>Identify and describe the properties of 2D shapes, including the number of sides and line symmetry in a vertical line.</p> <p>Identify and describe the properties of 3D shapes, including the number of edges, vertices and faces.</p> <p>Identify 2D shapes on the surface of 3D shapes.</p> <p>Compare and sort common 2D shapes and everyday objects.</p>	<p>Recall and use multiplication and division facts for the 2, 5 and 10 times tables, including recognising odd and even numbers.</p> <p>Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (\times), division (\div) and equals ($=$) sign.</p> <p>Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods and multiplication and division facts, including problems in context.</p> <p>Show that the multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot.</p>

Spring	<p><u>Multiplication and Division</u></p> <p>Recall and use multiplication and division facts for the 2, 5 and 10 times tables, including recognising odd and even numbers.</p> <p>Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (\times), division (\div) and equals (=) sign.</p> <p>Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods and multiplication and division facts, including problems in context.</p> <p>Show that the multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot.</p>	<p><u>Fractions</u></p> <p>Recognise, find, name and write fractions $\frac{1}{2}$, $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, set of objects or quantity.</p> <p>Write simple fractions for example, $\frac{1}{2}$ of 6 = 3</p> <p>Recognise the equivalence of $\frac{1}{2}$ and $\frac{2}{4}$.</p>	<p><u>Measurements: Length and Height</u></p> <p>Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature ($^{\circ}\text{C}$); capacity (litres/mls) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels.</p> <p>Compare and order length and mass and record the results using $>$, $<$ and $=$.</p>	<p><u>Geometry: Position and Direction</u></p> <p>Use mathematical vocabulary to describe position, direction and movement in a straight line and distinguishing between rotation as a turn and in terms of right angles for quarter, half and three-quarter turns (clockwise and anti-clockwise).</p> <p>Order and arrange combinations of mathematical objects in patterns and sequences.</p>	<p><u>Statistics</u></p> <p>Interpret and construct simple pictograms, tally charts, block diagrams and simple tables.</p> <p>Ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity.</p> <p>Ask and answer questions about totalling and comparing categorical data</p>	<p><u>Measurement: Time</u></p> <p>Tell and write the time to five minutes, including quarter past/to the hour.</p> <p>Draw the hands on a clock face to show these times.</p> <p>Know the number of minutes in an hour and the number of hours in a day.</p> <p>Compare and sequence intervals of time.</p>	<p><u>Measurement: Mass, Capacity and Temperature</u></p> <p>Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature ($^{\circ}\text{C}$); capacity (litres/mls) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels.</p> <p>Compare and order volume/capacity and record the results using $>$, $<$ and $=$.</p>
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Summer	<u>Revision</u> Preparation of SATs Classes to review all objectives as necessary to ensure the children are prepared for the assessments. All objectives for Year 2 have now been covered.	<u>Consolidation</u> Use this time to consolidate any areas you feel the children in your class are not secure.
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