



## Year 2 – End of Year Maths Targets



Number and place value	Addition and subtraction	Multiplication and division	Fractions	Measurement	Geometry – Properties of shape	
<ul style="list-style-type: none"> <li>❖ count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward</li> <li>❖ recognise the place value of each digit in a two-digit number (tens, ones)</li> <li>❖ identify, represent and estimate numbers using different representations, including the number line</li> <li>❖ compare and order numbers from 0 up to 100; use &lt;, &gt; and = signs</li> <li>❖ 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>	<ul style="list-style-type: none"> <li>❖ solve problems with addition and subtraction using concrete objects and pictorial representations</li> <li>❖ recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100</li> <li>❖ add and subtract numbers using concrete objects, pictorial representations, and</li> <li>❖ mentally, including:               <ul style="list-style-type: none"> <li>▪ a two-digit number and ones</li> <li>▪ a two-digit number and tens</li> <li>▪ two two-digit numbers</li> <li>▪ adding three one-digit numbers</li> </ul> </li> <li>❖ show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot</li> </ul>	<ul style="list-style-type: none"> <li>❖ recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers</li> <li>❖ calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (<math>\times</math>), division (<math>\div</math>) and equals (=) signs</li> <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</li> </ul>	<ul style="list-style-type: none"> <li>❖ recognise, find, name and write fractions of a length, shape, set of objects or quantity               <ul style="list-style-type: none"> <li>▪ <math>\frac{1}{3}</math></li> <li>▪ <math>\frac{1}{4}</math></li> <li>▪ <math>\frac{2}{4}</math></li> <li>▪ <math>\frac{3}{4}</math></li> </ul> </li> <li>❖ write simple fractions for example, <math>\frac{1}{2}</math> of 6 = 3</li> <li>❖ recognise the equivalence of <math>\frac{2}{4}</math> and <math>\frac{1}{2}</math></li> </ul>	<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 (<math>^{\circ}\text{C}</math>); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels</li> <li>❖ compare and order lengths, mass, volume/capacity and record the results using &gt;, &lt; and =</li> <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> <li>❖ solve simple problems in a practical context compare and sequence intervals of time</li> <li>❖ tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times</li> <li>❖ know the number of minutes in an hour and the number of hours in a day</li> </ul>	<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> <li>❖ identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces</li> <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>❖ compare and sort common 2-D and 3-D shapes and everyday objects</li> </ul>	
			<b>Statistics</b>			<b>Geometry – Position and direction</b>
			<ul style="list-style-type: none"> <li>❖ interpret and construct simple pictograms, tally charts, block diagrams and simple tables</li> <li>❖ ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity</li> <li>❖ ask and answer questions about totalling and comparing categorical data</li> </ul>			<ul style="list-style-type: none"> <li>❖ order and arrange combinations of mathematical objects in patterns and sequences</li> <li>❖ use mathematical vocabulary to describe position, direction and movement, including 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 anticlockwise)</li> </ul>