

## Y2 Mathematics Curriculum

<p><b><u>A: Number and Place Value</u></b></p> <ol style="list-style-type: none"> <li>1. I can count in steps of 2s, 3s, 5s and 10s, forwards and backwards, from any number.</li> <li>2. I can recognise the place value of each digit in two-digit numbers.</li> <li>3. I can compare and order numbers to 100</li> <li>4. I can use &lt;, &gt; and = signs.</li> <li>5. I can read and write numbers to 100 in numerals and words.</li> <li>6. I can solve problems using place value and number facts.</li> <li>7. I can identify, represent and estimate numbers in different ways, including on a number line.</li> </ol>	<p><b><u>B: Number – addition and subtraction</u></b></p> <ol style="list-style-type: none"> <li>1. I can solve addition problems using objects and diagrams.</li> <li>2. I can solve subtraction problems using objects and diagrams.</li> <li>3. I can solve addition and subtraction problems using mental and written methods.</li> <li>4. I can recall and use number addition and subtraction facts to 20 and related facts to 100.</li> <li>5. I can add and subtract mentally, and with objects and pictures, a two digit number and ones.</li> <li>6. I can add and subtract mentally, and with objects and pictures, 2 two digit numbers and tens.</li> <li>7. I can add and subtract mentally, and with objects and pictures, 2 two digit numbers.</li> <li>8. I can add three one digit numbers.</li> <li>9. I know and use the inverse relationship between addition and subtraction to solve missing number problems.</li> <li>10. I know you can add two numbers in any order but you can't change the order when you subtract.</li> </ol>	<p><b><u>C: Number – multiplication and division</u></b></p> <ol style="list-style-type: none"> <li>1. I can write mathematical statements and use the =, x and ÷ symbols.</li> <li>2. I know and can use the multiplication and division facts of the 2x, 5x, and 10x multiplication tables including recognising odd and even numbers.</li> <li>3. I can solve problems using multiplication and division.</li> <li>4. I know you can multiply two numbers in any order but you can't change the order when you divide.</li> </ol>	<p><b><u>E: Measurement</u></b></p> <ol style="list-style-type: none"> <li>1. I can estimate and measure length, height mass, temperature and capacity using standard units.</li> <li>2. I can compare and order length, mass, volume/capacity using &lt;, &gt; and =</li> <li>3. I can combine money to make a value, including £ and p symbols.</li> <li>4. I can find different combinations of coins that equal the same amount of money.</li> <li>5. I can solve money addition and subtraction problems, including giving change.</li> <li>6. I can compare and sequence intervals of time.</li> <li>7. I can write, tell and show the time on a clock face to five minutes, quarter to and quarter past.</li> <li>8. I know the number of minutes in an hour and the number of hours in a day.</li> </ol>
<p><b><u>D: Fractions</u></b></p> <ol style="list-style-type: none"> <li>1. I can recognise, find, name and write <math>\frac{1}{3}</math>, <math>\frac{1}{4}</math>, <math>\frac{1}{2}</math> and <math>\frac{3}{4}</math> of any length, shape, set of objects or quantity.</li> <li>2. I can write simple fraction facts eg. <math>\frac{1}{2}</math> of 6=3</li> <li>3. I recognise the equivalence of <math>\frac{2}{4}</math> and <math>\frac{1}{2}</math>.</li> </ol>	<p><b><u>F: Geometry – properties of shapes</u></b></p> <ol style="list-style-type: none"> <li>1. I can identify and describe properties of 2-D shapes including sides and symmetry.</li> <li>2. I can identify and describe properties of 3-D shapes including edges, vertices and faces.</li> <li>3. I can identify 2D shapes on the surface of 3D shapes.</li> <li>4. Compare and sort 2D and 3D shapes.</li> </ol>	<p><b><u>G: Geometry – position and direction</u></b></p> <ol style="list-style-type: none"> <li>1. I can make a pattern and sequences.</li> <li>2. I can give a position, direction and movement using right angles for quarter, half and three-quarter turns (clockwise and anti-clockwise).</li> </ol>	<p><b><u>H: Statistics</u></b></p> <ol style="list-style-type: none"> <li>1. I can read and construct simple tables, tally charts and pictograms.</li> <li>2. I can ask and answer questions about totalling and comparing data.</li> <li>3. I can ask and answer questions by counting and sorting the amounts.</li> </ol>