

## Year 2 Maths Medium Term Plan 2019-2020

Term 1	Term 3	Term 5
<p><b>Block 1 – Number</b></p> <ul style="list-style-type: none"> <li>count in steps of 2, 3, and 5 from 0, and in tens from any number</li> <li>identify and represent numbers</li> <li>recognise place value in a two-digit number</li> <li>compare and order numbers from 0 up to 100; use &lt;, &gt; and =</li> </ul>	<p><b>Block 1 – Measurement: Time</b></p> <ul style="list-style-type: none"> <li>compare and sequence intervals of time</li> <li>know the number of minutes in an hour and the number of hours in a day</li> <li>tell and write the time to fifteen minutes, including quarter past/to the hour</li> </ul>	<p><b>Block 1 – Number</b></p> <ul style="list-style-type: none"> <li>identify, represent and estimate numbers</li> <li>recognise place value in two-digit and three-digit numbers</li> <li>compare and order numbers from 0 up to 100; use &lt;, &gt; and =</li> <li>solve problems involving place value</li> </ul>
<p><b>Blocks 2 &amp; 3 – Addition and Subtraction</b></p> <ul style="list-style-type: none"> <li>add and subtract numbers using concrete objects, pictorial representations, and mentally, including: a two-digit number and ones; a two-digit number and tens; two two-digit numbers; add three one-digit numbers</li> <li>solve word problems involving addition and subtraction</li> </ul>	<p><b>Block 2 – Measurement: Length; Mass; Temperature; Capacity</b></p> <ul style="list-style-type: none"> <li>choose and use appropriate standard units to estimate and measure length/height; mass; temperature; capacity to the nearest appropriate unit</li> <li>compare and order lengths, mass and volume/capacity</li> </ul>	<p><b>Blocks 2 &amp; 3 – Addition and Subtraction</b></p> <ul style="list-style-type: none"> <li>add and subtract numbers using concrete objects, pictorial representations, and mentally</li> <li>recognise and use the inverse relationship between addition and subtraction</li> <li>show that addition of two numbers can be done in any order (commutative) and subtraction from one number to another cannot</li> <li>solve word problems involving addition and subtraction</li> </ul>
<p><b>Block 4 – Multiplication and Division</b></p> <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 (×), division (÷) and equals (=) signs</li> <li>solve word problems involving multiplication and division</li> </ul>	<p><b>Blocks 3 &amp; 4 – Addition and Subtraction</b></p> <ul style="list-style-type: none"> <li>add and subtract numbers using concrete objects, pictorial representations, and mentally</li> <li>solve word problems involving addition and subtraction</li> <li>solve measurement problems involving addition and subtraction</li> </ul>	<p><b>Block 4 – Multiplication and Division</b></p> <ul style="list-style-type: none"> <li>recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables</li> <li>calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (×), division (÷) and equals (=) signs</li> <li>show that multiplication of two numbers can be done in any order (commutative) and the division of one number by another cannot</li> <li>solve word problems involving multiplication and division</li> </ul>
<p><b>Block 5 – Geometry: Properties of Shape</b></p> <ul style="list-style-type: none"> <li>compare and sort common 2-D and 3-D shapes and everyday objects</li> <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</li> </ul>	<p><b>Block 5 – Multiplication and Division</b></p> <ul style="list-style-type: none"> <li>recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables</li> <li>calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (×), division (÷) and equals (=) signs</li> <li>solve word problems involving multiplication and division</li> <li>solve measurement problems involving multiplication and division</li> </ul>	<p><b>Block 5 – Fractions</b></p> <ul style="list-style-type: none"> <li>recognise, find, name and write fractions <math>\frac{1}{3}</math>, <math>\frac{1}{4}</math>, <math>\frac{1}{2}</math> and <math>\frac{3}{4}</math></li> <li>write simple fractions such as <math>\frac{1}{2}</math> of <math>6 = 3</math> and recognise the equivalence of <math>\frac{2}{4}</math> and <math>\frac{1}{2}</math></li> <li>solve word problems involving fractions</li> </ul>
	<p><b>Block 6 – Geometry: Properties of Shape</b></p> <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</li> <li>solve problems involving 2-D and 3-D shapes</li> </ul>	<p><b>Block 6 – Measurement: Money</b></p> <ul style="list-style-type: none"> <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 word problems involving money</li> </ul>

## Year 2 Maths Medium Term Plan 2019-2020

Term 2	Term 4	Term 6
<p><b>Block 1 – Measurement: Money</b></p> <ul style="list-style-type: none"> <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 problems involving money</li> </ul>	<p><b>Block 1 – Number</b></p> <ul style="list-style-type: none"> <li>recognise place value in two-digit and three-digit numbers</li> <li>compare and order numbers from 0 up to 100; use &lt;, &gt; and =</li> <li>solve problems involving place value</li> </ul>	<p><b>Block 1 – Number</b></p> <ul style="list-style-type: none"> <li>identify, represent and estimate numbers</li> <li>recognise place value in a two-digit number</li> <li>compare and order numbers from 0 up to 100; use &lt;, &gt; and =</li> <li>read and write numbers to at least 100 in numerals and in words</li> <li>solve problems involving place value</li> </ul>
<p><b>Block 2 – Number</b></p> <ul style="list-style-type: none"> <li>count in steps of 2, 3, and 5 from 0, and in tens from any number</li> <li>identify, represent and estimate numbers</li> <li>recognise place value in a two-digit number</li> <li>read and write numbers to at least 100 in numerals and in words</li> </ul>	<p><b>Block 2 – Addition and Subtraction</b></p> <ul style="list-style-type: none"> <li>add and subtract numbers using concrete objects, pictorial representations, and mentally</li> <li>recognise and use the inverse relationship between addition and subtraction</li> <li>show that addition of two numbers can be done in any order (commutative) and subtraction from one number to another cannot</li> <li>solve word problems involving addition and subtraction</li> </ul>	<p><b>Block 2 – Addition and Subtraction</b></p> <ul style="list-style-type: none"> <li>add and subtract numbers using concrete objects, pictorial representations, and mentally</li> <li>recognise and use the inverse relationship between addition and subtraction</li> <li>show that addition of two numbers can be done in any order (commutative) and subtraction from one number to another cannot</li> <li>solve word problems involving addition and subtraction</li> </ul>
<p><b>Block 3 – Addition and Subtraction</b></p> <ul style="list-style-type: none"> <li>add and subtract numbers using concrete objects, pictorial representations, and mentally</li> <li>solve word problems involving addition and subtraction</li> </ul>	<p><b>Block 3 – Multiplication and Division</b></p> <ul style="list-style-type: none"> <li>recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables</li> <li>calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (×), division (÷) and equals (=) signs</li> <li>show that multiplication of two numbers can be done in any order (commutative) and the division of one number by another cannot</li> <li>solve word problems involving multiplication and division</li> </ul>	<p><b>Block 3 – Multiplication and Division</b></p> <ul style="list-style-type: none"> <li>recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables</li> <li>calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (×), division (÷) and equals (=) signs</li> <li>show that multiplication of two numbers can be done in any order (commutative) and the division of one number by another cannot</li> <li>solve word problems involving multiplication and division</li> </ul>
<p><b>Block 4 – Multiplication and Division</b></p> <ul style="list-style-type: none"> <li>recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables</li> <li>calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (×), division (÷) and equals (=) signs</li> <li>solve word problems involving multiplication and division</li> </ul>	<p><b>Block 4 – Fractions</b></p> <ul style="list-style-type: none"> <li>recognise, find, name and write fractions <math>\frac{1}{3}</math>, <math>\frac{1}{4}</math>, <math>\frac{1}{2}</math> and <math>\frac{3}{4}</math></li> <li>write simple fractions such as <math>\frac{1}{2}</math> of <math>6 = 3</math> and recognise the equivalence of <math>\frac{2}{4}</math> and <math>\frac{1}{2}</math></li> <li>solve word problems involving fractions</li> </ul>	<p><b>Block 4 – Fractions</b></p> <ul style="list-style-type: none"> <li>recognise, find, name and write fractions <math>\frac{1}{3}</math>, <math>\frac{1}{4}</math>, <math>\frac{1}{2}</math> and <math>\frac{3}{4}</math></li> <li>write simple fractions such as <math>\frac{1}{2}</math> of <math>6 = 3</math> and recognise the equivalence of <math>\frac{2}{4}</math> and <math>\frac{1}{2}</math></li> <li>solve word problems involving fractions</li> </ul>
<p><b>Block 5 – Fractions</b></p> <ul style="list-style-type: none"> <li>recognise, find, name and write fractions <math>\frac{1}{3}</math>, <math>\frac{1}{4}</math>, <math>\frac{1}{2}</math> and <math>\frac{3}{4}</math></li> <li>write simple fractions such as <math>\frac{1}{2}</math> of <math>6 = 3</math> and recognise the equivalence of <math>\frac{2}{4}</math> and <math>\frac{1}{2}</math></li> </ul>	<p><b>Block 5 – Statistics</b></p> <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> </ul>	<p><b>Block 5 – Statistics</b></p> <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> </ul>
<p><b>Block 6 – Geometry: Position and Direction</b></p> <ul style="list-style-type: none"> <li>order and arrange combinations of mathematical objects into patterns and sequences</li> <li>use mathematical vocabulary to describe position, direction and movement and distinguishing between rotation as a turn and in terms of right angles for quarter, half and three-quarter turns (clockwise and anti-clockwise)</li> </ul>		<p><b>Block 6 – Geometry: Position and Direction</b></p> <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 and direction using compass points on a grid</li> <li>solve problems involving position and direction</li> <li>use reasoning to solve maths problems</li> </ul>

