

## fYear 2 Maths Curriculum Map 2023-2024

Timescale	7 Weeks	6 Weeks	5 Weeks	6 Weeks	6 Weeks	6 Weeks
<b>Overall theme</b>	A twist in the tail	Animal Adventure	Ahoy Me Hearties	Come dine with me	To infinity and beyond	Marvellous Morecambe
<b>Mathematics</b>	<p><b>Place Value</b> Count in steps of 2, 3 and 5 from 0, and in tens from any number, forward and backward.</p> <p>Recognise the place value of each digit in a two-digit number (tens, ones)</p> <p>Read and write numbers to at least 100 in numerals and in words. Compare and order numbers from 0 up to 100</p> <p>Identify, represent and estimate numbers using different representations including the number line.</p>	<p><b>Place Value</b> compare and order numbers from 0 up to 100; use &lt;, &gt; and = signs</p> <p>Use place value and number facts to solve problems</p> <p><b>Multiplication and Division</b> Recall and use multiplication and division facts for the 2, 5 and 10 times tables including odd and even numbers</p> <p>Show that the multiplication of two numbers can be done in any order and division of one number by another cannot.</p> <p>Calculate</p>	<p><b>Place Value</b> Read and write numbers to at least 100 in numerals and in words.</p> <p>Use place value and number facts to solve problems</p> <p><b>Addition and Subtraction</b> Add and subtract 2 digit + 1 digits, adding three one-digit numbers, two-digit number and tens; two two-digit numbers</p> <p>Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100.</p> <p>Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and</p>	<p><b>Multiplication and division</b> Use mental and written methods and multiplication and division facts</p> <p>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.</p> <p>solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts.</p>	<p><b>Four Operations</b> Apply their increasing knowledge of mental and written methods.</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>Calculate mathematical statements for multiplication and division</p> <p><b>Money</b> Recognise and use symbols for pounds (£) and pence</p> <p>Combine amounts to make a particular value.</p> <p>Find different combinations of coins</p>	<p><b>Addition and Subtraction</b> recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100</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><b>Money</b> Exchange different coins for other coins of the same value</p> <p>For a given value identify how much more can be spent following the purchase of one item (finding change) e.g. <math>38p + ? = 50p</math></p>

	<p>Use place value and number facts to solve problems</p> <p><b>Addition and Subtraction</b> Add and subtract 2 digit + 1 digits, adding three one-digit numbers, two-digit number and tens; two two-digit numbers;</p> <p>Show that the addition of two numbers can be done in any order and subtraction can not</p> <p>Solve problems involving addition and subtraction</p> <p><b>Money</b> Find different combinations of coins that equal the same amounts of money.</p> <p><b>Geometry- Shape</b> Identify and describe the properties of 2-D shapes, including the number of sides and</p>	<p>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.</p> <p><b>Fractions</b> recognise, find, name and write fractions <math>\frac{1}{3}, \frac{1}{4}, \frac{2}{4}</math> and <math>\frac{3}{4}</math> of a shape</p> <p><b>Geometry- Shape</b> identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces</p>	<p>solve missing number problems.</p> <p><b>Measurement: Length</b> Mass, Weight Choose and use appropriate standard units to estimate and measure</p> <p>Compare and order lengths and mass, and record the results using <math>&gt;</math>, <math>&lt;</math> and <math>=</math></p> <p><b>Fractions</b> recognise, find, name and write fractions <math>\frac{1}{3}, \frac{1}{4}, \frac{2}{4}</math> and <math>\frac{3}{4}</math> of a length, shape, set of objects or quantity</p> <p>write simple fractions for example, <math>\frac{1}{2}</math> of 6 = 3 and recognise the equivalence of <math>\frac{2}{4}</math> and <math>\frac{1}{2}</math></p> <p><b>Time</b> Know the number of minutes in an hour and the number of hours in a day.</p>	<p><b>Statistics</b> 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>Problem solving and Efficient methods.</p> <p><b>Position and Direction</b> 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</p>	<p>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><b>Fractions</b> Recognise, find, name and write fractions <math>\frac{1}{3}, \frac{1}{4}, \frac{2}{4}</math> and <math>\frac{3}{4}</math> of a length, shape, set of objects or quantity.</p> <p>Write simple fractions for example, <math>\frac{1}{2}</math> of 6 = 3 and recognise the equivalence of <math>\frac{2}{4}</math> and 12.</p> <p>Count in steps of <math>\frac{1}{4}</math> changing the counting sequence to simplest form</p> <p>4 operations problem solving solve simple problems in a practical context</p>	<p>Solve problems involving addition and subtraction of money</p> <p><b>Multiplication and division</b> Recall and use doubles of all multiples of 10 up to 100</p> <p>Write a number sentence to represent the total and the groups of a given size e.g. <math>20 \div 5 = ?</math> understanding this as how many groups of 5 can be made out of 20</p> <p>Represent and solve multiplication and division problems using pictorial representations and arrays</p> <p><b>Statistics</b> Ask and answer questions about statistics presented in tables, block graphs, pictograms (where the symbol is worth 1) and tally charts</p>
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	<p>line symmetry in a vertical line</p> <p>Identify and describe the properties of 3-D shapes</p>		<p>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.</p> <p>Compare and sequence intervals of time.</p> <p><b>Volume and temperature</b> choose and use appropriate standard units to estimate temperature (°C); capacity (litres/ml) to the nearest appropriate unit, thermometers and measuring vessels</p>	<p><b>Geometry - Shape</b> identify 2-D shapes on the surface of 3-D shapes, [for example, a circle on a cylinder and a triangle on a pyramid]</p> <p>compare and sort common 2-D and 3-D shapes and everyday objects.</p>	<p>involving addition, subtraction, multiplication and division</p> <p><b>Measure : Mass, Length</b> choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); to the nearest appropriate unit, using rulers, scales, compare and order lengths, mass, and record the results using &gt;, &lt; and =</p>	<p>Sort objects, shapes and numbers in different ways Identify the property / properties by which a set has been sorted</p> <p><b>Time</b> Know the number of minutes in an hour and the number of hours in a day.</p> <p>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.</p> <p>Compare and sequence intervals of time.</p>
<b>Cross Curricular Maths</b>	<p><b>History</b> – timelines</p> <p><b>Art</b> - shape</p>	<p><b>Geography</b> – temperature</p> <p><b>Science</b> - temperature</p>	<p><b>Science</b> – measuring, statistics</p> <p><b>Computing</b> – position and direction</p>	<p><b>Geography</b> – UK, population, timeline etc.</p> <p><b>Science</b> – measurement</p>	<p><b>Science</b> - Data</p> <p><b>DT</b> – Measurement</p>	<p><b>Science</b> - data handling, measuring</p> <p><b>Geography</b> – maps, fieldwork</p>