

# Year 2 Maths Overview 2023-2024

## Year 2 Autumn Term 1

<u>Week 1</u>	<u>Week 2</u>	<u>Week 3</u>	<u>Week 4</u>	<u>Week 5</u>	<u>Week 6</u>	<u>Week 7</u>
<p><b>Number- Number and Place Value</b></p> <p>I can count in steps of 2, 3, and 5 from 0, and in 10s from any number, forward and backward.</p>	<p><b>Number- Number and Place Value</b></p> <p>I can read and write numbers to at least 100 in numerals and in words.</p> <p>I can recognise the place value of each digit in a two-digit number (10s, 1s).</p> <p>I can identify, represent and estimate numbers using different representations, including the number line.</p>	<p><b>Number- Number and Place Value</b></p> <p>I can compare and order numbers from 0 up to 100; use &lt; &gt; and = signs.</p> <p>I can use place value and number facts to solve problems.</p>	<p><b>Number- Addition and Subtraction</b></p> <p>I can recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100.</p>	<p><b>Number- Addition and Subtraction</b></p> <p>I can add and subtract numbers using concrete objects, pictorial representations, and mentally, including:</p> <p>a two-digit number and 1s;</p> <p>a two-digit number and 10s;</p> <p>I can <b>add</b> 2 two-digit numbers;</p>	<p><b>Number- Addition and Subtraction</b></p> <p>I can add and subtract numbers using concrete objects, pictorial representations, and mentally, including:</p> <p>adding 3 one-digit numbers</p>	<p><b>Number- Addition and Subtraction</b></p> <p>I can show that addition of 2 numbers can be done in any order (commutative) and subtraction of 1 number from another cannot.</p> <p>I can <b>subtract</b> 2 two-digit numbers using concrete objects, pictorial representations, and mentally</p>

## Year 2 Autumn Term 2

<u>Week 1</u>	<u>Week 2</u>	<u>Week 3</u>	<u>Week 4</u>	<u>Week 5</u>	<u>Week 6</u>	<u>Week 7</u>	<u>Week 8</u>
<p><b>Number-Multiplication and Division</b></p> <p>Multiplication as repeated addition</p> <p>I can recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers</p> <p>Division sharing using pictorial arrays</p>	<p><b>Number-Multiplication and Division</b></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>Multiplication and division commutativity</p> <p>I can solve problems involving multiplication and division, using materials and arrays</p>	<p><b>Number-Fractions</b></p> <p>I can recognise, find, name and write fractions <math>\frac{1}{3}</math>, <math>\frac{1}{4}</math>, <math>\frac{2}{4}</math> and <math>\frac{3}{4}</math>, and of a length, shape, set of objects or quantity.</p> <p>I can write simple fractions, for example of <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>.</p>	<p><b>Measurement</b></p> <p>I can recognise and use symbols for pounds (£) and pence (p) and combine amounts to make a particular value</p> <p>I can find different combinations of coins that equal the same amounts of money.</p>	<p><b>Geometry-properties of shapes</b></p> <p>I can identify and describe the properties of 2-D shapes, including the number of sides, and vertical lines of symmetry.</p> <p>I can identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces.</p> <p>I can 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>I can compare and sort common 2-D and 3-D shapes and everyday objects</p>	<p><b>Measurement</b></p> <p>I can 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.</p> <p>I can compare and order lengths, mass, volume/capacity and record the results using <math>&gt;</math>, <math>&lt;</math> and <math>=</math>.</p>	<p><b>Measurement</b></p> <p>I can compare and sequence intervals of time.</p> <p>I know the number of minutes in an hour and the number of hours in a day.</p>	<p><b>Arithmetic Revision</b></p>

## Year 2 Spring Term 1

<u>Week 1</u>	<u>Week 2</u>	<u>Week 3</u>	<u>Week 4</u>	<u>Week 5</u>	<u>Week 6</u>
<p><b>Geometry- properties of shapes</b></p> <p>I can identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces.</p>	<p><b>Number- Number and Place Value</b></p> <p>Tens and ones partitioning</p> <p>Compare and order numbers from 0 to 100; use <math>&lt;</math>, <math>&gt;</math> and <math>=</math> signs</p>	<p><b>Measurement</b></p> <p>I can compare and order lengths, mass, volume/capacity and record the results using <math>&gt;</math>, <math>&lt;</math> and <math>=</math>.</p> <p>I can solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change.</p>	<p><b>Measurement</b></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><b>Number- Multiplication and Division</b></p> <p>I can 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 (<math>=</math>) signs.</p>	<p><b>Number- Multiplication and Division</b></p> <p>I can solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change.</p>

## Year 2 Spring Term 2

<u>Week 1</u>	<u>Week 2</u>	<u>Week 3</u>	<u>Week 4</u>	<u>Week 5</u>
<p><b>Number- Addition and Subtraction</b></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>Number- Fractions</b></p> <p>I can recognise, find, name and write fractions <math>\frac{1}{3}</math>, <math>\frac{1}{4}</math>, <math>\frac{2}{4}</math> and <math>\frac{3}{4}</math>, and of a length, shape, set of objects or quantity.</p> <p>I can write simple fractions, for example of <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>.</p>	<p><b>Number- Multiplication and Division</b></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>Geometry- Position and Direction</b></p> <p>I can order and arrange combinations of mathematical objects in patterns and sequences.</p> <p>I can 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 anti-clockwise)</p>	<p><b>Statistics</b></p> <p>Interpret and construct simple pictograms, tally charts, block diagrams and 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>

## Year 2 Summer Term 1

<u>Week 1</u>	<u>Week 2</u>	<u>Week 3</u>	<u>Week 4</u>	<u>Week 5</u>	<u>Week 6</u>
SATs Revision Number- Number and Place Value	SATs Revision Number- Addition and Subtraction	SATs Revision Measurement	SATs Revision Number- Multiplication	SATs Revision Number- Division	SATs Revision Geometry

## Year 2 Summer Term 2

<u>Week 1</u>	<u>Week 2</u>	<u>Week 3</u>	<u>Week 4</u>	<u>Week 5</u>	<u>Week 6</u>	<u>Week 7</u>
<p><b>Number- Multiplication and Division</b></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>Measurement</b></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><b>Measurement</b></p> <p>I can solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change.</p>	<p><b>Number- Addition and Subtraction</b></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>Number- Fractions</b></p> <p>I can recognise, find, name and write fractions <math>\frac{1}{3}</math>, <math>\frac{1}{4}</math>, <math>\frac{2}{4}</math> and <math>\frac{3}{4}</math>, and of a length, shape, set of objects or quantity.</p> <p>I can write simple fractions, for example of <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>.</p>	<p><b>Arithmetic Revision</b></p>	<p><b>Problem Solving and Reasoning</b></p>