

## Class 2 Curriculum Overview

<p><b>Spring 1</b></p>	<p><b>Addition and Subtraction 2</b>  <b>Number bonds</b>            Revise number bonds within 20</p> <p><i>Introduce related facts to 100</i>  <i>Use number bonds and related subtraction facts</i></p>	<p><b>Addition and Subtraction 3</b>  <b>Addition</b>            Read, write and interpret mathematical statements involving addition (+), subtraction (–) and equals (=) signs            Add and subtract one-digit and two-digit numbers to 20, including zero            Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as <math>7 = - 9</math>.</p> <p><i>Solve problems with addition and subtraction: using concrete objects and pictorial representations, including those involving numbers, quantities and measures applying their increasing knowledge of mental and written methods</i>  <i>Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: a two-digit number and ones</i>  <i>a two-digit number and tens</i></p>	<p><b>Addition and Subtraction 4</b>  <b>Subtraction</b>            Read, write and interpret mathematical statements involving addition (+), subtraction (–) and equals (=) signs            Add and subtract one-digit and two-digit numbers to 20, including zero            Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as <math>7 = - 9</math>.</p> <p><i>Solve problems with addition and subtraction: using concrete objects and pictorial representations, including those involving numbers, quantities and measures applying their increasing knowledge of mental and written methods</i>  <i>Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: a two-digit number and ones</i>  <i>a two-digit number and tens</i></p>	<p><b>Measurement 2</b>  <b>Money</b>            Recognise and know the value of different denominations of coins and notes</p> <p><i>Recognise and use symbols for pounds (£) and pence (p)</i>  <i>combine amounts to make a particular value</i>  <i>Find different combinations of coins that equal the same amounts of money</i>  <i>Record pounds and pence separately</i></p>	<p><b>Geometry 1- Properties of shape</b>  <b>2D shapes</b>            Recognise and name common 2D shapes            Understand that shapes are not always similar to each other and recognise them in everyday objects</p> <p><i>Identify and describe the properties of 2D shapes</i>  <i>Compare and sort common 2D shapes and everyday objects</i>  <i>Pupils draw lines and shapes with a straight edge</i></p>		
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		<p>two two-digit numbers adding three one-digit numbers</p> <p>show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems.</p>	<p>two two-digit numbers adding three one-digit numbers</p> <p>show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems</p>				
Spring 2	<p><b>Addition and Subtraction 5</b></p> <p><b>Calculation revision</b></p>	<p><b>Number</b></p> <p><b>Number bonds</b></p> <p><b>Recognise odd and even numbers</b></p>	<p><b>Multiplication and Division 1</b></p> <p><b>Multiplication</b></p> <p>Solve one-step problems involving multiplication by calculating the answer using concrete objects, pictorial representations and arrays</p> <p>Doubling numbers</p> <p><i>Recall and use multiplication facts for the 2, 5 and 10 tables</i></p> <p><i>Calculate mathematical statements and write them using the x and = sign</i></p> <p><i>Show that multiplication can be done in any order (commutative)</i></p>	<p><b>Multiplication and Division 2</b></p> <p><b>Division</b></p> <p>Solve one-step problems involving division by calculating the answer using concrete objects, pictorial representations and arrays</p> <p><i>Recall and use division facts for the 2, 5 and 10 tables</i></p> <p><i>Calculate mathematical statements and write them using the ÷ and = sign</i></p> <p><i>Show that division is not commutative</i></p>			

<p><b>Summer 1</b></p>	<p><b>Multiplication and division 3</b></p> <p>Make connections between arrays, number patterns and counting in twos, fives and tens</p> <p><i>Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts</i></p>	<p><b>Fractions</b></p> <p>Recognise, find and name a half and quarter as parts of an object, shape or quantity</p> <p><i>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> of a length, shape, set of objects or quantity</i></p> <p><i>Write simple fractions</i></p> <p><i>Count in fractions up to 10</i></p>		<p><b>Geometry – Position and Direction</b></p> <p>Describe position, direction and movement</p> <p>Make whole, half, quarter and three-quarter turns in both directions and link to clock face</p> <p><i>Order and arrange combinations of mathematical objects in patterns and sequences</i></p> <p><i>Use mathematical vocabulary to describe position, direction and movement in a straight line and rotation</i></p> <p><i>Recognise a right angle</i></p>	<p><b>Measurement 3</b></p> <p><b>Time</b></p> <p>Tell the time to the hour and half past the hour and draw the hands on a clock face</p> <p>Tell the time using language: o'clock and half past</p> <p><i>Compare and sequence intervals of time</i></p> <p><i>Tell and write the time to five minutes, including quarter past/to the hour and draw the hands on the clock face</i></p> <p><i>Know the number of minutes in an hour and hours in a day</i></p>		
<p><b>Summer 2</b></p>	<p><b>Measurement 4</b></p> <p><b>Time</b></p> <p>Recap time</p> <p><i>Become fluent in telling the time</i></p>	<p><b>Measurement 5</b></p> <p>Measure and record lengths and heights</p> <p>Compare and describe mass/</p>	<p><b>Statistics</b></p> <p><i>Interpret and construct simple pictograms, tally charts, block</i></p>	<p><b>Addition and subtraction problem solving 6</b></p>	<p><b>Geometry 2 - Properties of shape</b></p> <p><b>3D shapes</b></p>	<p><b>Multiplication and division problem solving 4</b></p> <p>Grouping and sharing small quantities to understand division and multiplication and find in using simple</p>	

	<p><i>on analogue clocks and recording it</i></p>	<p>weigh, capacity and volume Measure and begin to record mass/weight, capacity and volume Use non-standard and standard units of measure</p> <p><i>Choose and use appropriate standard units to estimate and measure mass (kg/g), capacity (litres/ml) to the nearest unit using scales and measuring vessels</i> <i>Compare and order</i></p>	<p><i>diagrams and simple tables</i> <i>Ask and answer simple questions about data</i></p>	<p>Recap number bonds and begin to look at place value</p> <p><b>Money</b> <i>Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change</i></p>	<p>Recognise and name common 3D shapes</p> <p><i>Identify and describe the properties of 3D shapes</i> <i>Identify 2D shapes on the surface of 3D shapes</i> <i>Compare and sort common 2D shapes and everyday objects</i></p>	<p>fractions of objects, numbers and quantities Recap counting in twos, fives and tens</p> <p><i>Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts</i> <i>Recap counting in twos, fives and tens</i></p>	
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