

Amble Links First School

Year 2 Maths - Yearly Overview & Term by Term Objectives



	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Number: Place Value			Number: Addition and Subtraction				Measurement: Money		Number: Multiplication and Division		Consolidation
Spring	Number: Multiplication and Division				Statistics		Geometry: Properties of Shape		Number: Fractions			
Summer 1	Measurement: Length and Height		Geometry: Position and Direction		Consolidation and Problem Solving		Measurement: Time		Measurement: Mass, Capacity and Temperature			Consolidation



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Autumn	<u>Number: Place Value</u>			<u>Number: Addition and Subtraction</u>					<u>Measurement: Money</u>		Number: Multiplication and Division		Consolidation
	<p>Count in steps of 2, 3 and 5 from 0 and in tens from any number, forwards and backwards</p> <p>Recognise the place value of each digit in a two-digit number (tens and ones)</p> <p>Identify, represent and estimate numbers to 100 using different representations including the number line</p> <p>Compare and order numbers from 0 up to 100; use <, > and = signs</p> <p>Read and write numbers to at least 100 in numerals and words</p> <p>Use place value and number facts to solve problems</p>			<p>Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100</p> <p>Show that the addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot</p> <p>Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: a 2-digit number and ones; a 2-digit number and tens; two 2-digit numbers; adding three 1-digit numbers</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>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</p>					<p>Recognise and use symbol of pounds (£) and pence (p); combine amounts to make a particular value</p> <p>Find different combinations of coins 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>				



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Spring	<p><u>Number: Multiplication and Division</u></p>	<p><u>Statistics</u></p>	<p><u>Geometry: Properties of Shape</u></p>	<p><u>Number: Fractions</u></p>
	<p>Recall and use multiplication and division facts for 2, 5 and 10 times tables, including recognising odd and even numbers</p>	<p>Interpret and construct simple pictograms, tally charts, block diagrams and simple tables</p>	<p>Identify and describe the properties of 2D shapes, including the number of sides and line symmetry in a vertical line</p>	<p>Recognise, find, name and write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, set of objects or quantity</p>
	<p>Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (\times), division (\div) and equals ($=$) signs</p>	<p>Ask and answer simple questions by counting the number of objects in each category and sorting categories by quantity</p>	<p>Compare and sort 2D shapes</p>	<p>Write simple fractions, for example, $\frac{1}{2}$ of $6 = 3$</p>
	<p>Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods and multiplication and division facts, including problems in context</p> <p>Show that the multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot</p>	<p>Ask and answer questions about totalling and comparing categorical data</p>	<p>Identify and describe the properties of 3D shapes, including the number of edges, vertices and faces</p> <p>Identify 2D shapes on the surface of 3D shapes</p> <p>Compare and sort 3D shapes and everyday objects</p>	<p>Recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$</p>



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Summer	<p style="text-align: center;"><u>Measurement: Length and Height</u></p> <p>Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm) and mass (kg/g) to the nearest appropriate unit, using rulers and scales</p> <p>Compare and order length and mass and record the results using <, > and =</p>	<p style="text-align: center;"><u>Geometry: Position and Direction</u></p> <p>Order and arrange combinations of mathematical objects in patterns and sequences</p> <p>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 style="text-align: center;"><u>Number: Consolidating and Problem Solving</u></p> <p>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</p> <p>Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods and multiplication and division facts, including problems in context</p>	<p style="text-align: center;"><u>Measurement: Time</u></p> <p>Tell and write the time to five minutes, including quarter past/to the hour and draw hands on a clock to show these times</p> <p>Know the number of minutes in an hour and the number of hours in a day</p> <p>Compare and sequence intervals of time</p>	<p style="text-align: center;"><u>Measurement: Capacity, Volume and Temperature</u></p> <p>Choose and use appropriate standard units to estimate and measure capacity (litres/ml) and temperature (°C) to the nearest appropriate unit, using thermometers and measuring vessels</p> <p>Compare and order volume/capacity and record the results using <, > and =</p>	Consolidation
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