

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					Geometry: Properties of Shape		
Spring	Measurement: Money		Number: Multiplication and Division					Measurement: Length and Height		Measurement: Mass, Capacity and Temperature		
Summer	Number: Fractions			Measurement: Time			Statistics		Geometry: Position and Direction		Consoliation	

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Autumn	<u>Number: Place Value</u>  Count in steps of 2, 3 and 5 from 0 and in tens from any number, forwards and backwards  Recognise the place value of each digit in a two-digit number (tens and ones)  Identify, represent and estimate numbers to 100 using different representations including the number line  Compare and order numbers from 0 up to 100; use $<$ , $>$ and $=$ signs  Read and write numbers to at least 100 in numerals and words  Use place value and number facts to solve problems				<u>Number: Addition and Subtraction</u>  Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100  Show that the addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot  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  Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems  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					<u>Geometry: Properties of Shape</u>  Identify and describe the properties of 2D shapes, including the number of sides and line symmetry in a vertical line  Compare and sort 2D shapes  Identify and describe the properties of 3D shapes, including the number of edges, vertices and faces  Identify 2D shapes on the surface of 3D shapes  Compare and sort 3D shapes and everyday objects		

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Spring	<p><u>Measurement: Money</u></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>	<p><u>Number: Multiplication and Division</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>Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (x), division (÷) 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 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><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 &lt;, &gt; and =</p>	<p><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 &lt;, &gt; and =</p>



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Summer	<u>Number: Fractions</u>	<u>Measurement: Time</u>	<u>Statistics</u>	<u>Geometry: Position and Direction</u>	Consolidation
	<p>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</p> <p>Write simple fractions, for example, <math>\frac{1}{2}</math> of 6 = 3</p> <p>Recognise the equivalence of <math>\frac{2}{4}</math> and <math>\frac{1}{2}</math></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>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 categories by quantity</p> <p>Ask and answer questions about totalling and comparing categorical data</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>	