# 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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<table>
<tr><th></th><th>Week 1</th><th>Week 2</th><th>Week 3</th><th>Week 4</th><th>Week 5</th><th>Week 6</th><th>Week 7</th><th>Week 8</th><th>Week 9</th><th>Week 10</th><th>Week 11</th><th>Week 12</th></tr>
<tr><td>Autumn</td>
<td colspan="3"><u>Number: Place Value</u><br><br>Count in steps of 2, 3 and 5 from 0 and in tens from any number, forwards and backwards<br><br>Recognise the place value of each digit in a two-digit number (tens and ones)<br><br>Identify, represent and estimate numbers to 100 using different representations including the number line<br><br>Compare and order numbers from 0 up to 100; use <, > and = signs<br><br>Read and write numbers to at least 100 in numerals and words<br><br>Use place value and number facts to solve problems</td>
<td colspan="5"><u>Number: Addition and Subtraction</u><br><br>Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100<br><br>Show that the addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot<br><br>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<br><br>Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems<br><br>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</td>
<td colspan="2"><u>Measurement: Money</u><br><br>Recognise and use symbol of pounds (£) and pence (p); combine amounts to make a particular value<br><br>Find different combinations of coins that equal the same amounts of money<br><br>Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change</td>
<td>Number: Multiplication and Division</td>
<td>Consolidation</td></tr>
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| Spring | <u>Number: Multiplication and Division</u><br><br>Recall and use multiplication and division facts for 2, 5 and 10 times tables, including recognising odd and even numbers<br><br>Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (x), division (÷) and equals (=) signs<br><br>Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods and multiplication and division facts, including problems in context<br><br>Show that the multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot | <u>Statistics</u><br><br>Interpret and construct simple pictograms, tally charts, block diagrams and simple tables<br><br>Ask and answer simple questions by counting the number of objects in each category and sorting categories by quantity<br><br>Ask and answer questions about totalling and comparing categorical data | <u>Geometry: Properties of Shape</u><br><br>Identify and describe the properties of 2D shapes, including the number of sides and line symmetry in a vertical line<br><br>Compare and sort 2D shapes<br><br>Identify and describe the properties of 3D shapes, including the number of edges, vertices and faces<br><br>Identify 2D shapes on the surface of 3D shapes<br><br>Compare and sort 3D shapes and everyday objects | <u>Number: Fractions</u><br><br>Recognise, find, name and write fractions 1/3, 1/4, 2/4 and 3/4 of a length, shape, set of objects or quantity<br><br>Write simple fractions, for example, 1/2 of 6 = 3<br><br>Recognise the equivalence of 2/4 and 1/2 |

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|---|---|---|---|---|---|---|
| Summer | Measurement: Length and Height<br><br>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<br><br>Compare and order length and mass and record the results using <, > and = | Geometry: Position and Direction<br><br>Order and arrange combinations of mathematical objects in patterns and sequences<br><br>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) | Number: Consolidating and Problem Solving<br><br>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<br><br>Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods and multiplication and division facts, including problems in context | Measurement: Time<br><br>Tell and write the time to five minutes, including quarter past/to the hour and draw hands on a clock to show these times<br><br>Know the number of minutes in an hour and the number of hours in a day<br><br>Compare and sequence intervals of time | Measurement: Capacity, Volume and Temperature<br><br>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<br><br>Compare and order volume/capacity and record the results using <, > and = | Consolidation |