

### Maths Spring 1 Planning

Week	Strand	Year 1 - Objectives
1	Number	<ul style="list-style-type: none"> <li>• Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number</li> <li>• Count, read and write numbers to 100 in numerals; count in multiples of two, fives and tens</li> <li>• Given a number identify one more and one less</li> <li>• Read and write numbers 1 to 20 in numerals and words</li> </ul>
2	Addition	<ul style="list-style-type: none"> <li>• Read, write and interpret mathematical statements involving addition (+), subtraction (-) and equal (=) signs</li> <li>• Represent and use number bonds and related subtraction facts within 20</li> <li>• Add and subtract one-digit and two-digit numbers to 20, including zero</li> <li>• 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></li> </ul>
3	Subtraction	
4	Measurement	<ul style="list-style-type: none"> <li>• Compare, describe and solve practical problems for:               <ul style="list-style-type: none"> <li>• lengths and heights</li> <li>• mass or weight</li> <li>• capacity and volume</li> </ul> </li> <li>• Measure and begin to record the following               <ul style="list-style-type: none"> <li>• lengths and heights</li> <li>• mass or weight</li> <li>• capacity and volume</li> </ul> </li> <li>• Recognise and know the value of different denominations of coins and notes</li> </ul>
5	Multiplication	<ul style="list-style-type: none"> <li>• Solve one-step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher.</li> </ul>
6	Division	

### Maths Spring 1 Planning

Week	Strand	Year 2 - Objectives
1	Number	<ul style="list-style-type: none"> <li>Count in steps of 2, 3 and 5 from 0, and in tens from any number forwards and backwards</li> <li>Recognise the place value of each digit in a two digit number (tens, ones)</li> <li>Read and write numbers to at least 100 in numerals and in words</li> <li>Use place value and number facts to solve problems</li> </ul>
2	Addition	<ul style="list-style-type: none"> <li>Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100</li> <li>Add and subtract numbers using concrete objects, pictorial representations, and mentally, including:               <ul style="list-style-type: none"> <li>A two-digit number and ones</li> <li>A two-digit number and tens</li> <li>Two two-digit numbers</li> <li>Adding three one-digit numbers</li> </ul> </li> <li>Show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot</li> <li>Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems</li> </ul>
3	Subtraction	<ul style="list-style-type: none"> <li>Solve problems with addition and subtraction:               <ul style="list-style-type: none"> <li>Using concrete objects and pictorial representations, including those involving numbers, quantities and measures</li> <li>Applying their increasing knowledge of mental and written methods</li> </ul> </li> </ul>
4	Measurement	<ul style="list-style-type: none"> <li>Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature (°C); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels</li> <li>Compare and order lengths, mass, volume/capacity and record the results using &lt;, &gt; and =</li> <li>Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value</li> <li>Find different combinations of coins that equal the same amounts of money</li> <li>Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change</li> </ul>
5	Multiplication	<ul style="list-style-type: none"> <li>Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers</li> <li>Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (x), division (÷) and equals (=) signs</li> <li>Show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot</li> </ul>
6	Division	<ul style="list-style-type: none"> <li>Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in context</li> </ul>