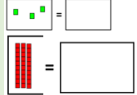






Y2 Maths Medium Term Plan: Autumn Cycle 2020-21

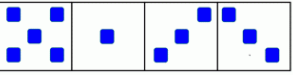
Back to School	Addition Including Place Value	Subtraction Including Place Value	Place Value Gaps in Number Sequences Counting Forward and Backward in Steps	Number Bonds Commutativity	Measure Standard Units	Contingency weeks to give space for longer than a week for some areas or single session recall of taught topics.	Back to School	2D Shape
Place Value Recognise and Partition in TO					Subtraction inverse		Place Value Compare & Order < > =	Addition & Subtraction


Week	Monday	Tuesday - Thursday
1	Back to school	<p><b>Place Value</b></p> <p><b>Recall from Y1:</b> Partition two-digit numbers into Tens and Ones.  <b>One Star:</b> L: Can I recognise tens and ones?                      Q: 4, 5, 6, 7, __, 9, __, 11      19, 20, __, 22, 23, __  <b>Two Star:</b> L: Can I order numbers counting forward and backwards 1-30</p>  <p><b>Y2 Expected Standard:</b> Recognise the Place Value and <b>Partition</b> two-digit numbers.</p> 
2	<p><b>Addition</b></p> <p><b>Recall from Y1:</b> Solve addition problems using concrete objects. Add one- and two-digit numbers to 20 (including 0) on a number line.  <b>One Star:</b> L: Can I <b>add</b> a 1-digit number to a 1-digit number?                      Q: <math>2 + 2 = \underline{\quad}</math>      <math>2 + 5 = \underline{\quad}</math>  <b>Two Star:</b> L: Can I <b>add</b> ones to a 2-digit number?                      Q: <math>12 + 2 = \underline{\quad}</math>      <math>21 + 5 = \underline{\quad}</math>  <b>Y2 Expected Standard:</b> Add two-digit numbers using efficient written methods (demonstrating correct use of Place Value)                      Q: <math>12 + 12 = \underline{\quad}</math>      <math>21 + 15 = \underline{\quad}</math></p>	
3	<p><b>Subtraction</b></p> <p><b>Recall from Y1:</b> Subtract two-digit numbers (including 0) on a number line.  <b>One Star:</b> Can I <b>subtract</b> a 1-digit number to a 1-digit number?                      Q: <math>6 - 2 = \underline{\quad}</math>      <math>7 - 5 = \underline{\quad}</math>  <b>Two Star:</b> L: Can I <b>subtract</b> ones to a 2-digit number?                      Q: <math>12 - 2 = \underline{\quad}</math>      <math>21 - 5 = \underline{\quad}</math>  <b>Y2 Expected Standard:</b> Subtract two-digit numbers using efficient <b>written</b> methods (demonstrating correct use of Place Value)</p>	



	<p>Q: <math>34 - 12 = \underline{\quad}</math>    <math>44 - 15 = \underline{\quad}</math></p>	
<p><b>4</b></p>	<p style="text-align: center;"><b>Place Value</b></p> <p><b>Recall from Y1:</b> Count in steps of 2, 3, 5 and 10 up to the tenth multiple.  <b>One Star:</b> L: Can I count forward and backward in 2's?                  Q: 2, 4, <u>  </u>, 8, <u>  </u>                      12, 10, <u>  </u>, 6, <u>  </u>  <b>Two Star:</b> L: Can I count forward and backward in 10's?                  Q: 20, 30, <u>  </u>, 50, <u>  </u>                      70, 60, <u>  </u>, 40, <u>  </u>  <b>Y2 Expected Standard:</b> Identify gaps in number sequences when counting in 2, 5 &amp; 10.                  Q: 10, 15, <u>  </u>, 25, <u>  </u>                      35, 30, <u>  </u>, 20, <u>  </u></p>	
<p><b>5</b></p>	<p style="text-align: center;"><b>Number Bonds (Commutativity)</b></p> <p><b>Recall from Y1:</b> Understand number bonds to 20 securely and recognise the concept of commutativity  <b>One Star:</b> L: Can I use number bonds to 10 to add?                  Q: <math>3 + 7 = \underline{\quad}</math>    <math>10 + 0 = \underline{\quad}</math>  <b>Two Star:</b> L: Can I use my number bonds to 10 to complete these equations?                  Q: <math>10 = \underline{\quad} + 2</math>    <math>3 + \underline{\quad} = 10</math>  <b>Y2 Expected Standard:</b> L: Can I use my number bonds to 20 to complete these equations?                  Q: <math>20 = \underline{\quad} + 2</math>                      <math>13 + \underline{\quad} = 20</math></p>	
<p><b>6</b></p>	<p style="text-align: center;"><b>Measure (Standard Units)</b></p> <p><b>Recall from Y1:</b> Measure and begin to record; lengths, height, weight (mass), capacity and volume.  <b>One Star:</b> L: Can I measure the <b>length</b> of an object using blocks?</p>  <p>Q: <input type="text"/></p> <p><b>Two Star:</b> L: Can I find a point on a scale to find the <b>capacity</b> in millilitres (ml)?</p>  <p>Q: <input type="text"/>    <input type="text"/>    <input type="text"/></p> <p><b>Y2 Expected Standard:</b> Choose and use standard units to estimate and measure; m/cm, kg/g, l/ml and °c. L: Can I use a ruler to measure a <b>length</b> in <b>centimetres (cm)</b>?</p>	<p style="text-align: center;"><b>Subtraction (Inverse)</b></p> <p><b>Recall from Y1:</b> Solve one step missing number problems involving subtraction.  <b>One Star:</b> L: Can I understand opposites (inverse)?                  Q: Hot - <u>  </u>    Up - <u>  </u> (sorting activity)  <b>Two Star:</b> L: Can I use the <b>inverse</b> operation to answer a question?                  If <math>5 + 3 = 8</math> what is the answer to the question:</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"> <p><math>8 - 3 = \square</math></p> </div> <p><b>Y2 Expected Standard:</b> Recognise and use the <b>inverse</b> relationship between addition and subtraction (to check missing calculations and missing number problems). L: Can I use the <b>inverse</b> to find a missing number in a <b>subtraction</b>?                  Q: <u>  </u> - 10 = 5 use <math>5 + 10 = 15</math> to find the missing number</p>

	<p>Measure the crocodile using a ruler</p> 		
--	--	--	--

7	Consolidation Weeks
8	

9	<p><b>Place Value</b></p> <p>Recall from Y1: Use the language of equal to, more than, less than (fewer), most and least</p> <p><b>One Star:</b> L: Can I cut out the groups of blocks and order them least to most?</p> <div style="display: flex; align-items: center;">  </div> <p>Q:</p> <p><b>Two Star:</b> L: Can I <b>order</b> numbers smallest to largest?</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;">16</td> <td style="text-align: center;">21</td> <td style="text-align: center;">18</td> <td style="text-align: center;">23</td> <td style="text-align: center;">26</td> </tr> <tr> <td style="height: 20px;"></td> <td></td> <td></td> <td></td> <td></td> </tr> </table> <p>Q:</p> <p><b>Y2 Expected Standard:</b> L: Can I use &lt; (less than), &gt; (greater than) and = (equals) to <b>compare</b> these numbers?</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">31</div> <div style="border: 1px solid black; width: 30px; height: 20px;"></div> <div style="text-align: center;">59</div> </div> <div style="display: flex; justify-content: space-around; align-items: center; margin-top: 10px;"> <div style="text-align: center;">Q: 65</div> <div style="border: 1px solid black; width: 30px; height: 20px;"></div> <div style="text-align: center;">56</div> </div>	16	21	18	23	26					
16	21	18	23	26							

10	<p><b>2D shape</b></p> <p>Recall from Y1: Recognise and name common 2D shapes</p> <p><b>One Star:</b> L: Can I name 2D shapes?</p> <p style="font-size: 0.8em;">Colour in the oval.</p> <div style="display: flex; justify-content: center; gap: 20px;">  </div> <p>Q:</p> <p><b>Two Star:</b> L: Can I count the sides and vertices on a 2D shape?</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="font-size: 0.7em;">Name</th> <th style="font-size: 0.7em;">Side</th> <th style="font-size: 0.7em;">Vertices</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;"></td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;"></td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;"></td> <td></td> <td></td> </tr> </tbody> </table> <p>Q:</p> <p><b>Y2 Expected Standard:</b> L: Can I draw the <b>line of symmetry</b> on a 2D shape using a mirror?</p>	Name	Side	Vertices										<p><b>Addition &amp; subtraction</b></p> <p>Recall from Y1: Solve addition and subtraction problems using concrete objects.</p> <p><b>One Star:</b> L: Can I <b>add</b> and <b>subtract</b> a 1-digit number to and from a 1-digit number?</p> <p>2-2 = ____</p> <p>2 + 5 = ____</p> <p><b>Two Star:</b> L: Can I <b>add</b> and <b>subtract</b> ones to and from a 2-digit number?</p> <p>12+2= ____</p> <p>21 - 5 = ____</p> <p><b>Y2 Expected Standard:</b> L: Can I <b>add</b> and <b>subtract</b> a 2-digit number to and from a 2-digit number?</p> <p>12+12= ____</p> <p>21 - 15 = ____</p>
Name	Side	Vertices												

	Q:  		
--	--	--	--