

## Maths Remote Learning Autumn 2020 – Year 2

Area	Resources
Times Tables	<p>Year 2 times tables sheet Autumn 1 and Autumn 2.</p> <p>TT Rockstars - <a href="https://trockstars.com/">https://trockstars.com/</a> Linked to the 10 and 2 times tables as the term progresses.</p>
Maths	
Place Value	<ul style="list-style-type: none"> <li>• Place Value PPT game to introduce Tens and Ones and the visual of using ten sticks and one blocks (base 10). Activities set which link to this.</li> <li>• Partitioning Place Value PPT to introduce how 2 digits would be partitioned. For example 37 would be 30 and 7 or 3 Tens and 7 Ones. Activities linked to this.</li> <li>• Activities linked to Place Value in accompanying zip folder.</li> <li>• BBC Bitesize – counting in tens and ones - <a href="https://www.bbc.co.uk/bitesize/topics/z8sfr82">https://www.bbc.co.uk/bitesize/topics/z8sfr82</a></li> <li>• Numberblocks “Teen” episodes showing Tens and Ones - <a href="https://www.bbc.co.uk/iplayer/episodes/b08bzfnh/numberblocks?seriesId=b0bls7vy">https://www.bbc.co.uk/iplayer/episodes/b08bzfnh/numberblocks?seriesId=b0bls7vy</a></li> <li>• Place Value video - <a href="https://www.youtube.com/watch?v=dHu5TFxPtk">https://www.youtube.com/watch?v=dHu5TFxPtk</a></li> </ul>
Addition and subtraction strategies	<p>Addition strategies:</p> <ul style="list-style-type: none"> <li>• Lessons on Oak Academy and activities that link with this –</li> <li>• <a href="https://classroom.thenational.academy/lessons/to-apply-knowledge-of-number-bonds-c4v6cc">https://classroom.thenational.academy/lessons/to-apply-knowledge-of-number-bonds-c4v6cc</a></li> <li>• <a href="https://classroom.thenational.academy/lessons/to-add-by-counting-on-using-a-number-line-ccukct">https://classroom.thenational.academy/lessons/to-add-by-counting-on-using-a-number-line-ccukct</a></li> <li>• <a href="https://classroom.thenational.academy/lessons/to-add-a-1-digit-number-to-a-teens-number-using-a-known-fact-69gkat">https://classroom.thenational.academy/lessons/to-add-a-1-digit-number-to-a-teens-number-using-a-known-fact-69gkat</a></li> <li>• <a href="https://classroom.thenational.academy/lessons/to-use-the-make-ten-strategy-to-add-two-1-digit-numbers-part-1-70r62e">https://classroom.thenational.academy/lessons/to-use-the-make-ten-strategy-to-add-two-1-digit-numbers-part-1-70r62e</a></li> <li>• Worksheets in accompanying zip folder.</li> <li>• Purple Mash activities.</li> </ul> <p>Subtraction strategies:</p> <ul style="list-style-type: none"> <li>• Lessons on Oak Academy and activities that link with this –</li> <li>• <a href="https://classroom.thenational.academy/lessons/to-subtract-by-counting-back-using-a-number-line-cgr36d">https://classroom.thenational.academy/lessons/to-subtract-by-counting-back-using-a-number-line-cgr36d</a></li> <li>• <a href="https://classroom.thenational.academy/lessons/to-subtract-a-1-digit-number-from-a-teens-number-using-a-known-fact-c4u3gc">https://classroom.thenational.academy/lessons/to-subtract-a-1-digit-number-from-a-teens-number-using-a-known-fact-c4u3gc</a></li> <li>• <a href="https://classroom.thenational.academy/lessons/to-use-the-make-ten-strategy-to-subtract-a-1-digit-number-from-a-teen-number-part-1-74v30d">https://classroom.thenational.academy/lessons/to-use-the-make-ten-strategy-to-subtract-a-1-digit-number-from-a-teen-number-part-1-74v30d</a></li> <li>• Worksheets in accompanying zip folder.</li> <li>• Purple Mash activities.</li> </ul> <p>Addition and subtraction strategies:</p> <ul style="list-style-type: none"> <li>• Fact families, PPT available for children to work through explaining fact families and how to work these out if we know a certain number fact. Worksheets in accompanying zip folder.</li> <li>• Fact families game -</li> <li>• <a href="https://www.topmarks.co.uk/number-facts/number-fact-families">https://www.topmarks.co.uk/number-facts/number-fact-families</a></li> </ul>

	<ul style="list-style-type: none"> <li>• Number bonds to 10 and 20, PPT available for children to work through explaining number bonds, then activities to complete.</li> <li>• Numberblocks episode focusing on number bonds to 10 - <a href="https://www.bbc.co.uk/iplayer/episode/b08q3zx7/numberblocks-series-2-blast-off">https://www.bbc.co.uk/iplayer/episode/b08q3zx7/numberblocks-series-2-blast-off</a></li> <li>• How to use a number square game, and adding and subtracting by counting on and counting back -</li> <li>• <a href="https://www.topmarks.co.uk/learning-to-count/helicopter-rescue">https://www.topmarks.co.uk/learning-to-count/helicopter-rescue</a></li> <li>• Consolidating counting on and back, this time in ones and tens –</li> <li>• <a href="https://www.topmarks.co.uk/learning-to-count/blast-off">https://www.topmarks.co.uk/learning-to-count/blast-off</a></li> <li>• Purple Mash activities available on addition and subtraction.</li> </ul>
Column addition	<ul style="list-style-type: none"> <li>• Linked to the instructional video – “Column Addition”</li> <li>• Column addition activities without crossing 10 in zip folder to be sent along with the “Column Addition” instructional video. Questions on PPT and then multiple worksheets to be completed.</li> <li>• Lesson on Oak Academy - <a href="https://classroom.thenational.academy/lessons/to-add-two-digit-numbers-and-ones-65j36d">https://classroom.thenational.academy/lessons/to-add-two-digit-numbers-and-ones-65j36d</a></li> <li>• Robot addition game –</li> <li>• <a href="https://www.topmarks.co.uk/addition/robot-addition">https://www.topmarks.co.uk/addition/robot-addition</a> Can use column addition to help the children work out the answers.</li> </ul>
Column addition crossing 10.	<ul style="list-style-type: none"> <li>• Linked to the instructional video – “Column Addition”</li> <li>• Column addition activities when the ones cross a ten in zip folder to be sent along with “Column Addition” instructional video. Questions on PPT and then multiple worksheets to be completed.</li> <li>• Lesson on Oak Academy –</li> <li>• <a href="https://classroom.thenational.academy/lessons/to-add-two-digit-numbers-and-ones-with-regrouping-6dgdad">https://classroom.thenational.academy/lessons/to-add-two-digit-numbers-and-ones-with-regrouping-6dgdad</a> and work from this.</li> <li>• Fruit splat addition game – Level 7 – Addition with regrouping over 10 - <a href="http://www.sheppardsoftware.com/math/addition/fruit-splat-game/">http://www.sheppardsoftware.com/math/addition/fruit-splat-game/</a></li> </ul>
Column subtraction.	<ul style="list-style-type: none"> <li>• Linked to instructional video – “Column Subtraction”</li> <li>• Simple column subtraction activities from the zip folder that links to the “Column Subtraction” instructional video where no regrouping is required. Questions on PPT and multiple worksheets to be completed.</li> <li>• Lesson on Oak Academy –</li> <li>• <a href="https://classroom.thenational.academy/lessons/to-subtract-two-digit-numbers-and-ones-65h62c">https://classroom.thenational.academy/lessons/to-subtract-two-digit-numbers-and-ones-65h62c</a> and work from this.</li> <li>• Fruit splat subtraction game – Level 6 – Subtraction where no regrouping is required – relaxed mode or timed mode depending on confidence of the child –</li> <li>• <a href="http://www.sheppardsoftware.com/math/subtraction/fruit-splat-game/">http://www.sheppardsoftware.com/math/subtraction/fruit-splat-game/</a></li> </ul>
Column subtraction with regrouping.	<ul style="list-style-type: none"> <li>• Linked to instructional video – “Column Subtraction”</li> <li>• Column subtraction activities from the zip folder that link to the “Column Subtraction” instructional video. Questions on PPT and multiple worksheets to be completed.</li> <li>• Lesson on Oak Academy –</li> <li>• <a href="https://classroom.thenational.academy/lessons/to-subtract-two-digit-numbers-and-ones-with-regrouping-6gwpar">https://classroom.thenational.academy/lessons/to-subtract-two-digit-numbers-and-ones-with-regrouping-6gwpar</a> and work from this.</li> <li>• Fruit splat subtraction game – Level 7 - Subtraction where regrouping is required – relaxed mode or timed mode depending on confidence of the</li> </ul>

	child – <a href="http://www.sheppardsoftware.com/math/subtraction/fruit-splat-game/">http://www.sheppardsoftware.com/math/subtraction/fruit-splat-game/</a>
--	---