

**STARDUST CLASS. Year 1/2. Mathematics medium term planning with differentiation. Spring A 2024/2025**

**Whole school theme: Reading for pleasure. TFW story: Where the wild things are/ Julian is a mermaid.**

Activities and groups adapted as necessary following on going formative assessments.

<p>Week</p>	<p>Starters</p>	<p><b>YELLOW STARS</b> (EX1/WT2)</p>  <p>All below to be done with adult keeping chn on task. Using concrete apparatus, then pictorially. <b>ALSO SEE SEPARATE MASTERING NUMBER PLANNING FOR ADDITIONAL NUMBER WORK.</b></p>	<p><b>Red triangles</b> (W1) and <b>Blue squares</b> (ELGS) Year 1 and Year 2 children.</p>   <p>All below to be done with support as necessary. Initially, using concrete apparatus, then moving to pictorial representations. 1 SEND children - Mastering number -Year 1. <b>ALSO SEE SEPARATE MASTERING NUMBER PLANNING FOR ADDITIONAL NUMBER WORK.</b></p>
<p>Week 1 w/c 6<sup>th</sup> January 2025</p>		<p><b><u>Theme week:</u></b> <b><u>Money</u></b> Add and subtract using a combination of all coins. <b>Find different combinations of coins that equal the same amounts of money.</b> <b>Solve money word problems involving more than one step.</b> <b><u>Small steps</u></b> Count money-pence Count money-Pounds (Notes and coins) Count Money pounds and pence Choose notes and coins Make the same amount Compare amounts of money Calculate with money Make a pound Find change Two- step problems.</p>	<p><b><u>Theme week:</u></b> <b><u>Money</u></b> Recognise that money has a value e.g. 10p is more than 1p <b>Recognise and know the value of different coins.</b> Recognise and know the value of different notes. Recognise the symbols for pounds (£) and pence (p)  <b><u>Small steps</u></b> Unitising Recognise coins Recognise notes Count in coins.</p>

<p><b>Week 2</b> w/c 13<sup>th</sup> January 2025</p>	<p><u>EMC:</u> -Count forwards to 100 from 0. -Count forwards from a given number. -Count backwards from any given number.</p> <p><u>Starter</u> See separate planning slides for daily starters.</p>	<p><u>Number – Addition and subtraction</u></p> <ul style="list-style-type: none"> <li>-Add two 2-digit numbers within 20 (e.g. 12+16)</li> <li>-Solve one step problems which involve addition</li> <li>-Solve missing number questions involving addition and subtraction (using inverse) <ul style="list-style-type: none"> <li>-Subtract two single digit numbers</li> </ul> </li> <li>-Subtract a single digit number from a 2-digit number within 20</li> <li>-Subtract two 2-digit numbers within 20 (e.g.16-12) <ul style="list-style-type: none"> <li>- Add two 2 digit numbers</li> <li>-Add a 2 digit number and 1 digit number</li> <li>- Subtract two 2 digit numbers</li> </ul> </li> <li>-Solve two step word problems involving + and -</li> <li>-Use reasoning about numbers and relationships (for addition and subtraction)</li> </ul> <p><u>Working mathematically</u> Show varied fluency.</p> <p><u>Small steps:</u> Subtract two 2-digit numbers (not across a 10) -Subtract 2-digit numbers (across a 10) -Mixed addition and subtraction</p> <p>NB: See weekly planning for stem sentences and vocabulary.</p>	<p><u>Number: Addition and subtraction within 20</u></p> <p><b>Represent and use number bonds</b> Add two single digit numbers within 20 Add a single digit number to a 2-digit number within 20 Add two 2-digit numbers within 20 (e.g. 12+16) Count in multiples of 2 Odd and even numbers Solve one step problems which involve addition</p> <p><u>Small steps</u> Add by counting on within 20 Add ones using number bonds Find and make number bonds to 20 Doubles</p>
<p><b>Week 3</b> w/c 20<sup>th</sup> January 2025</p>	<p><u>EMC:</u> -Count forwards to 100 from 0 -Count backwards from any given number.</p> <p><u>Starter</u> See separate planning slides for daily starters.</p>	<p><u>Multiplication and Division</u></p> <p>Recognise the mathematical symbols <math>\times</math>, <math>\div</math>, <math>=</math> Record number sentences using mathematical symbols <math>\times</math>, <math>\div</math>, <math>=</math> Known multiplication and division facts Word Problems for multiplication and division</p> <p><u>Small steps</u> Recognise equal groups/Make equal groups Add equal groups Introduce the multiplication symbol Multiplication sentences</p>	<p><u>Number: Addition and subtraction within 20</u></p> <p><b>Represent and use number bonds</b> Add two single digit numbers within 20 Add a single digit number to a 2-digit number within 20 Add two 2-digit numbers within 20 (e.g. 12+16) Count in multiples of 2 Odd and even numbers Solve one step problems which involve addition</p> <p><u>Small steps</u> Add by counting on within 20 Add ones using number bonds Find and make number bonds to 20 Doubles</p>

<p><b>Week 4</b> w/c 27<sup>th</sup> January 2025</p>	<p><u>EMC:</u> -Count to and back to 100, from a given number. -Count forwards and backwards to 20/50/100 from 0. -Reliably count up to 20/50/100 objects.</p> <p><u>Starter</u> See separate planning slides for daily starters.</p>	<p><u>Multiplication and Division</u> Recognise the mathematical symbols <math>\times</math>, <math>\div</math>, <math>=</math> Record number sentences using mathematical symbols <math>\times</math>, <math>\div</math>, <math>=</math> Known multiplication and division facts Word Problems for multiplication and division</p> <p><u>Small steps</u> Use arrays -Make equal groups - grouping - Make equal groups - sharing -The 2 times-table</p>	<p><u>Number: Addition and subtraction within 20</u> Subtract two single digit numbers Subtract a single digit number from a 2-digit number within 20 Subtract two 2-digit numbers within 20 (e.g.16-12) Solve one step problems which involve subtraction</p> <p><u>Small steps</u> Near doubles Subtract ones using number bonds Subtraction counting back Subtraction finding the difference</p>
<p><b>Week 5</b> w/c 3<sup>rd</sup> February 2025</p>	<p><u>EMC:</u> -Count forwards and backwards to 20/50/100 from 0 and from any given number. -Read numbers from 1 to 20 in words. -Write numbers from 1 to 20 in words. -Count forward in 10's, 5's and 2's.</p> <p><u>Starter</u> See separate planning slides for daily starters.</p>	<p><u>Multiplication and Division</u> Division - recall facts in the 2 times tables Recognise mathematical symbols - <math>\times</math>, <math>\div</math>, <math>=</math> Record number sentences using mathematical symbols - <math>\times</math>, <math>\div</math>, <math>=</math> =</p> <p>Doubling to 20 Halving to 20 Count in and recall facts in the 10 times table</p> <p><u>Small steps</u> Divide by 2 Doubling and halving Odd and even numbers The 10 times-table</p>	<p><u>Number: Addition and subtraction within 20</u> Use related subtraction facts Solve missing number questions involving addition (using inverse) Solve missing number questions involving subtraction (using inverse)</p> <p><u>Small steps</u> Related facts Missing number problems</p>

<p><b>Week 6</b> w/c 10<sup>th</sup> February 2025</p>	<p><u>EMC</u> -Count to and back to 100, from a given number. -Read numbers from 1 to 20 in words. Write numbers from 1 to 20 in words.</p> <p><u>Starter</u> See separate planning slides for daily starters.</p>	<p><u>Assessment week</u> <u>Multiplication and Division</u> Division - recall facts in the 10 times tables Multiplication - count in and recall facts in the 5 times tables Division - recall facts in the 5 times tables Use facts and counting strategies to solve simple problems - 5 and 10 times tables</p> <p><u>Small steps</u> Divide by 10 -The 5 times-table -Divide by 5 - The 5 and 10 times tables</p>	<p><u>Assessment week</u> <u>End of unit assessment papers.</u></p>
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