



**Maths - Counting:** we aim to instill a fascination for mathematics and the manipulation of numbers whilst building confidence to use our skills in everyday situations.

“When taught through CLIC, children can become Maths masters. Everything is easy and achievable!”  
**— Ben Harding, Creator of Big Maths**



**Maths Core Concepts**

- Counting**  
Children will develop their knowledge of the number system with 5 minutes application each day.
- Learn-Its**  
Children will learn 36 addition facts by the end of KS1 (including commutative and inverse operations) and all 1d x 1d multiplication facts by the end of Year 4.
- It's Nothing New**  
Children will recall previous learning steps and practise applying them in various 'Real Life' problems.
- Calculation**  
Children will develop fluency in all four calculations including formal written methods.

Taught through the age appropriate expectations of the National Curriculum



**Maths - <sup>2x2</sup> Learn-its:** we aim to instill a fascination for mathematics and the manipulation of numbers whilst building confidence to use our skills in everyday situations.

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Children will develop fluency in all four calculations including formal written methods.
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# Maths - It's Nothing New: we aim to instill a fascination for mathematics and the manipulation of numbers whilst building confidence to use our skills in everyday situations.

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-  **Calculation**  
Children will develop fluency in all four calculations including formal written methods.

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# Maths - Calculation: we aim to instill a fascination for mathematics and the manipulation of numbers whilst building confidence to use our skills in everyday situations.

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| <b>Step 1</b> Addition<br>I know when to add some more | <b>Step 2</b> Addition<br>I know to find the total | <b>Step 3</b> Addition<br>I add the right amount | <b>Step 4</b> Addition<br>I add the right amount and can count how many altogether | <b>Step 5</b> Addition<br>I can add numbers of objects to 10 | <b>Step 6</b> Addition<br>I can read a number sentence | <b>Step 7</b> Addition<br>I can arrange a number sentence | <b>Step 8</b> Addition<br>I can solve a number sentence | <b>Step 9</b> Addition<br>I can solve addition on a number line | <b>Step 10</b> Addition<br>I can add 1 to a number up to 20 | <b>Step 11</b> Addition<br>I can add 2 or 3 to a number up to 20 | <b>Step 12</b> Addition<br>I can add a 20 tens number to 20 | <b>Step 13</b> Addition<br>I can add 1 to a 20 number | <b>Step 14</b> Addition<br>I can add 10 to a 20 tens number | <b>Step 15</b> Addition<br>I can add 10 to any 20 number | <b>Step 16</b> Addition<br>I can add a 10 number to a 20 tens number | <b>Step 17</b> Addition<br>I can solve 20 + 10 | <b>Step 18</b> Addition<br>I can add a 20 tens number to another one | <b>Step 19</b> Addition<br>I can solve any 10 + 10 in my head | <b>Step 20</b> Addition<br>I can solve any 20 + 10 | <b>Step 21</b> Addition<br>I can add any 20 tens number to another one | <b>Step 22</b> Addition<br>I can add a 20 tens number to a 20 number | <b>Step 23</b> Addition<br>I can add a 20 tens number to a 20 number | <b>Step 24</b> Addition<br>I can add a 20 number to a 20 number | <b>Step 25</b> Addition<br>I can solve any 20 + 20 | <b>Step 26</b> Addition<br>I can solve 30 + 20 | <b>Step 27</b> Addition<br>I can solve any 30 + 20 | <b>Step 28</b> Addition<br>I can solve 30 + 30 | <b>Step 29</b> Addition<br>I can solve any 30 + 30 | <b>Step 30</b> Addition<br>I can solve 30 + 30 as money | <b>Step 31</b> Addition<br>I can solve any 30 + 30 as money | <b>Step 32</b> Addition<br>I can solve any 3d + 3d as money | <b>Step 33</b> Addition<br>I can solve any 3d + 3d as money | <b>Step 34</b> Addition<br>I can solve any 3d + 3d as money | <b>Step 35</b> Addition<br>I can solve any 10 top + 10 top | <b>Step 36</b> Addition<br>I can solve 10p + 10p | <b>Step 37</b> Addition<br>I can solve any additions with 20p | <b>Step 38</b> Addition<br>I can solve additions with larger numbers | <b>Step 39</b> Addition<br>I can solve additions with several numbers | <b>Step 40</b> Addition<br>I can solve 20p + 10p | <b>Step 41</b> Addition<br>I can solve any 20p + 10p | <b>Step 1</b> Subtraction<br>I know when to take some away | <b>Step 2</b> Subtraction<br>I know to take some away, then count how many are left | <b>Step 3</b> Subtraction<br>I take away the right amount | <b>Step 4</b> Subtraction<br>I take away the right amount and count how many are left | <b>Step 5</b> Subtraction<br>I can take away numbers of objects to 10 | <b>Step 6</b> Subtraction<br>I can arrange a subtraction number sentence | <b>Step 7</b> Subtraction<br>I can solve a subtraction number sentence | <b>Step 8</b> Subtraction<br>I can solve subtraction on a number line | <b>Step 9</b> Subtraction<br>I can take 1 from a number to 20 | <b>Step 10</b> Subtraction<br>I can spot the next multiple of 10 | <b>Step 11</b> Subtraction<br>I can take a 10 number from a number to 20 | <b>Step 12</b> Subtraction<br>I can take 10 from a multiple of 10 | <b>Step 13</b> Subtraction<br>I can take 10 from a 20 number | <b>Step 14</b> Subtraction<br>I can take a 10 number from a multiple of 10 | <b>Step 15</b> Subtraction<br>I can take a multiple of 10 from a multiple of 10 | <b>Step 16</b> Subtraction<br>I can take a 10 number from a multiple of 10 | <b>Step 17</b> Subtraction<br>I can solve 20 - 10 | <b>Step 18</b> Subtraction<br>I can solve any 20 - 10 | <b>Step 19</b> Subtraction<br>I can solve any 20 - 10 | <b>Step 20</b> Subtraction<br>I can take any 20 number from 100 | <b>Step 21</b> Subtraction<br>I can solve any 20 - 20 | <b>Step 22</b> Subtraction<br>I can solve any 20 - 20 | <b>Step 23</b> Subtraction<br>I can subtract numbers with tens | <b>Step 24</b> Subtraction<br>I can subtract numbers with hundreds | <b>Step 25</b> Subtraction<br>I can solve subtraction with large numbers | <b>Step 26</b> Subtraction<br>I can solve subtraction with different decimal places | <b>Step 27</b> Subtraction<br>I can subtract with 3 digit numbers | <b>Step 28</b> Subtraction<br>I can solve 30 - 20 | <b>Step 1</b> Multiplication<br>I can set out groups of toys when I play | <b>Step 2</b> Multiplication<br>I can find the total amount of toys | <b>Step 3</b> Multiplication<br>I can set out groups of blocks when I play | <b>Step 4</b> Multiplication<br>I can have an even number of objects between two people | <b>Step 5</b> Multiplication<br>I can count how many each person was given | <b>Step 6</b> Multiplication<br>I can share an even number of objects between two people | <b>Step 7</b> Multiplication<br>I can solve a division number sentence with objects | <b>Step 8</b> Multiplication<br>I can solve division, using objects (with remainders) | <b>Step 9</b> Multiplication<br>I can share 6, 9, 12 or 15 objects between 3 people | <b>Step 10</b> Multiplication<br>I can share 6, 9, 12 or 15 objects into 3 | <b>Step 11</b> Multiplication<br>I can use a Tables Fact to find a division fact (with remainders) (2, 3, 4, 5x tables) | <b>Step 12</b> Multiplication<br>I can solve any 10 x 10 | <b>Step 13</b> Multiplication<br>I can find how many altogether by counting through each group | <b>Step 14</b> Multiplication<br>I can use a Tables Fact to find a division fact (with remainders) (6, 7, 8, 9) | <b>Step 15</b> Multiplication<br>I can use a Tables Fact to find a division fact (with remainders) (6, 7, 8, 9) | <b>Step 16</b> Multiplication<br>I can use a Tables Fact to find a division fact (with remainders) (2, 3, 4, 5x tables) | <b>Step 17</b> Multiplication<br>I can solve 1d x 10top | <b>Step 18</b> Multiplication<br>I can share 8, 12, 16 or 20 objects between 4 people | <b>Step 19</b> Multiplication<br>I can solve 1d x 10top | <b>Step 20</b> Multiplication<br>I can show my understanding for 20 x 20 | <b>Step 21</b> Multiplication<br>I can solve 1d x 10top | <b>Step 22</b> Multiplication<br>I can show my understanding for 20 x 20 | <b>Step 23</b> Multiplication<br>I can solve 1d x 10top | <b>Step 24</b> Multiplication<br>I can write out repeated addition | <b>Step 25</b> Multiplication<br>I can solve repeated addition | <b>Step 26</b> Multiplication<br>I can solve 1d x 10 (2, 3, 4, 5x tables) | <b>Step 27</b> Multiplication<br>I can do Simple Multiplication (2, 3, 4, 5x tables) | <b>Step 28</b> Multiplication<br>I can make groups of 2, 5 or 10 | <b>Step 29</b> Division<br>I can use a Tables Fact to find a division fact (with remainders) (2, 3, 4, 5x tables) | <b>Step 30</b> Division<br>I can combine 2 or more Coin Facts to solve division | <b>Step 31</b> Division<br>I can use a coin fact to find a division fact | <b>Step 32</b> Division<br>I can use a Tables Fact to find a division fact (with remainders) (2, 3, 4, 5x tables) | <b>Step 33</b> Division<br>I can combine 2 or more Tables Facts to solve division (with remainders) | <b>Step 34</b> Division<br>I can use a coin fact to find a division fact | <b>Step 35</b> Division<br>I can use a Tables Fact to find a division fact (with remainders) (2, 3, 4, 5x tables) | <b>Step 36</b> Division<br>I can combine 2 or more Tables Facts to solve division (with remainders) | <b>Step 37</b> Division<br>I can use a coin fact to find a division fact | <b>Step 38</b> Division<br>I can use a Tables Fact to find a division fact (with remainders) (2, 3, 4, 5x tables) | <b>Step 39</b> Division<br>I can combine 2 or more Tables Facts to solve division (with remainders) | <b>Step 40</b> Division<br>I can use a coin fact to find a division fact | <b>Step 41</b> Division<br>I can combine 2 or more Coin Facts to solve division |
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# Maths - Column Methods: we aim to instill a fascination for mathematics and the manipulation of numbers whilst building confidence to use our skills in everyday situations.

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