



## Year 2 Maths

This programme will be split into 3 terms over the course of the year.

| <u>Week</u>                                                                         |                                                                                                                                                                                                                                                                                                                                               |  |
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|    | <u>Term 1 Autumn</u>                                                                                                                                                                                                                                                                                                                          |  |
| 1 - 5                                                                               | <b>Place Value</b> <ul style="list-style-type: none"><li>• &lt; &gt; signs</li><li>• Comparing numbers using place value</li><li>• +/- 10</li><li>• Empty number line - placing numbers</li><li>• Partition numbers in different ways using place value</li><li>• Reading and writing numbers in digits and words</li></ul>                   |  |
|                                                                                     | <b>Place Value Assessment</b>                                                                                                                                                                                                                                                                                                                 |  |
| 5 - 12                                                                              | <b>Addition and Subtraction</b> <ul style="list-style-type: none"><li>• Number bonds to 10, 20 and 100</li><li>• Adding 2-digit numbers together</li><li>• Adding 3 numbers together</li><li>• Subtracting 2-digit numbers</li><li>• Inverse and commutativity of addition and subtraction</li><li>• Difference between two numbers</li></ul> |  |
|                                                                                     | <b>Addition and Subtraction Assessment</b>                                                                                                                                                                                                                                                                                                    |  |
| 13-15                                                                               | <b>Sequences and Number Patterns</b> <ul style="list-style-type: none"><li>• Identifying patterns in sequences of numbers and shapes</li><li>• Using inverse/part-whole method to find missing numbers</li><li>• Balancing equations</li><li>• Odd and even numbers</li></ul>                                                                 |  |
|                                                                                     | <b>Sequences and Number Patterns Assessment</b>                                                                                                                                                                                                                                                                                               |  |
| 16-17                                                                               | <u>Assessment on week 1-15 and 2 week Christmas period</u>                                                                                                                                                                                                                                                                                    |  |
|  | <u>Term 2 Spring</u>                                                                                                                                                                                                                                                                                                                          |  |
| 18-22                                                                               | <b>Multiplication</b> <ul style="list-style-type: none"><li>• Counting in 2s, 3s, 10s and 5s</li><li>• Repeated addition, arrays and 'lots of' language</li><li>• 2,5,10 x tables and patterns</li><li>• Commutativity</li></ul>                                                                                                              |  |
|                                                                                     | <b>Multiplication Assessment</b>                                                                                                                                                                                                                                                                                                              |  |
| 23-24                                                                               | <b>Division</b> <ul style="list-style-type: none"><li>• Using 'sharing' strategy to calculate, including remainders</li><li>• Inverse <math>\times \div</math></li><li>• Commutativity?</li></ul>                                                                                                                                             |  |
|                                                                                     | <b>Division Assessment</b>                                                                                                                                                                                                                                                                                                                    |  |

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| 24-27                                                                                                  | <b>Fractions</b> <ul style="list-style-type: none"> <li>Fraction of shape (halves, quarters and thirds)</li> <li>Equivalent fractions (halves and quarters)</li> <li>Unit and non-unit fraction of shapes and numbers</li> </ul> <b>Fractions Assessment</b>                                                                                                                                                                                                                                                                                                                       |  |
| 28-29                                                                                                  | <b>Money</b> <ul style="list-style-type: none"> <li>Recognising coins and making amounts to 99p</li> <li>Addition of money and subtraction to calculate change</li> <li>£ sign and recognising 100p=£1</li> </ul> <b>Money Assessment</b>                                                                                                                                                                                                                                                                                                                                          |  |
| 30-31                                                                                                  | <u>Assessment on week 1-29 and 2 week Easter period</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
|  <b>Term 3 Summer</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
| 32-38                                                                                                  | <b>2D shapes</b> <ul style="list-style-type: none"> <li>Names and properties</li> <li>Symmetry</li> </ul> <b>3D shapes</b> <ul style="list-style-type: none"> <li>Properties, language and names</li> <li>Finding 3D shapes in everyday life</li> <li>Sorting and comparing</li> </ul> <b>Position and Direction</b> <ul style="list-style-type: none"> <li>Fractions of a turn</li> <li>Clockwise and anticlockwise</li> <li>Left and right</li> <li>Forwards and backwards</li> <li>Right angle linked to <math>\frac{1}{4}</math> turn</li> <li>Finding right angles</li> </ul> |  |
|                                                                                                        | <b>2D and 3D Shape and Position and Direction Assessment</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| 39-43                                                                                                  | <b>Time</b> <ul style="list-style-type: none"> <li>Time facts and ordering time</li> <li>Telling the analogue time (half, quarter, and 5 minute time)</li> </ul> <b>Measurement</b> <ul style="list-style-type: none"> <li>Appropriate units and tools for measure</li> <li>Estimating length and using a ruler</li> <li>Comparing, ordering, adding, subtracting units of measure</li> </ul>                                                                                                                                                                                      |  |
|                                                                                                        | <b>Time and Measurement Assessment</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |

|                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                  |                  |                  |                  |                  |                                                                                                                                                                                                                                                         |  |  |  |  |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|------------------|------------------|------------------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|
| 44-45                                                                                                                                                                                                                                                   | <b>Data Handling</b> <ul style="list-style-type: none"><li>• Venn and Carroll diagrams entering data and analysing</li><li>• Construct tally, pictograms, block and bar charts</li><li>• Answer questions on data including comparison</li></ul>                                                                                                                                                                                                                                                                                                                                                              |                  |                  |                  |                  |                  |                                                                                                                                                                                                                                                         |  |  |  |  |  |
|                                                                                                                                                                                                                                                         | <b>Data Handling Assessment</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                  |                  |                  |                  |                  |                                                                                                                                                                                                                                                         |  |  |  |  |  |
| 46-47                                                                                                                                                                                                                                                   | <b>Assessment on week 1-45 and Summer period</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                  |                  |                  |                  |                  |                                                                                                                                                                                                                                                         |  |  |  |  |  |
| 48-52                                                                                                                                                                                                                                                   | <div> <b>Refreshers covering the main topics and preparation for Year 3</b></div> <table><tr><td><b>Refresher</b></td><td><b>Refresher</b></td><td><b>Refresher</b></td><td><b>Refresher</b></td><td><b>Refresher</b></td></tr><tr><td colspan="5">We will release two refresher videos per week with supporting activities to help you recap on the main content of the programme for the year. This will help to prepare your child, and increase their confidence, for moving year groups in September.</td></tr></table> | <b>Refresher</b> | <b>Refresher</b> | <b>Refresher</b> | <b>Refresher</b> | <b>Refresher</b> | We will release two refresher videos per week with supporting activities to help you recap on the main content of the programme for the year. This will help to prepare your child, and increase their confidence, for moving year groups in September. |  |  |  |  |  |
| <b>Refresher</b>                                                                                                                                                                                                                                        | <b>Refresher</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>Refresher</b> | <b>Refresher</b> | <b>Refresher</b> |                  |                  |                                                                                                                                                                                                                                                         |  |  |  |  |  |
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