

# Maths lessons overview 2020-21

This year overview is intended as a guide and may be adapted, following a discussion with the leadership team, based on the needs of individual year groups.

AUTUMN

| w/c       | 31 <sup>st</sup> Aug<br>2 days                               | 7 <sup>th</sup> Sep<br>5 days | 14 <sup>th</sup> Sep<br>5 days   | 21 <sup>st</sup> Sep<br>5 days                   | 28 <sup>th</sup> Sep<br>5 days | 5 <sup>th</sup> Oct<br>5 days        | 12 <sup>th</sup> Oct<br>5 days | 19 <sup>th</sup> Oct<br>5 days | Half Term<br>2 weeks | 9 <sup>th</sup> Nov<br>5 days           | 16 <sup>th</sup> Nov<br>5 days             | 23 <sup>rd</sup> Nov<br>5 days                      | 30 <sup>th</sup> Nov<br>5 days  | 7 <sup>th</sup> Dec<br>5 days | 14 <sup>th</sup> Dec<br>5 days |
|-----------|--|-------------------------------|----------------------------------|--|--------------------------------|--------------------------------------|--------------------------------|--------------------------------|----------------------|---|--|---|---|-------------------------------|--------------------------------|
| Reception | Sorting<br>Same/Different                                    | Number Recognition<br>1-20    |                                  | Patterns   |                                | Number Recognition<br>1-20           |                                |                                |                      | Measure                                 | Estimation                                 | Number Recognition<br>1-20                          |   | More or Less                  |                                |
| Year 1    | Place value counting <10                                     |                               | Place value<br>Number sense < 10 |  | Addition<br>< 10               |                                      | Subtraction<br>< 10            |                                |                      | Place value<br>Number sense < 20        | Addition<br>< 20                           |   | Subtraction<br>< 20   |                               |                                |
| Year 2    | Place value<br>< 100   |                               |                                  | Addition<br>< 100: number bonds                  |                                | Subtraction<br>< 100: number bonds   |                                |                                |                      | Addition<br>< 100: Crossing over 10s    | Subtraction<br>< 100: Crossing over 10s    |   | Multiplication & division<br>2x, 5x                                   |                               |                                |
| Year 3    | Place value<br>< 1,000                                       |                               |                                  | Addition<br>TO + TO                              |                                | Subtraction<br>TO - TO               |                                |                                |                      | Addition<br>HTO + TO / HTO + HTO        | Subtraction<br>HTO - TO / HTO - HTO        |   | Multiplication & division<br>2x, 4x, 5x, 8x, 10x                      |                               |                                |
| Year 4    | Place value<br>< 10,000 (inc. negative numbers)              |                               |                                  | Addition<br>Formal written method                |                                | Subtraction<br>Formal written method |                                |                                |                      | Addition<br>Problem solving & reasoning | Subtraction<br>Problem solving & reasoning |   | Multiplication & division<br>2x, 3x, 4x, 5x, 6x, 8x, 10x,<br>11x, 12x |                               |                                |
| Year 5    | Place value<br>< 100,000 (inc. -ve numbers & roman numerals) |                               |                                  | Addition<br>Inc. decimal numbers                 |                                | Subtraction<br>Inc. decimal numbers  |                                |                                |                      | Addition<br>Problem solving & reasoning | Subtraction<br>Problem solving & reasoning |   | Multiplication<br>ThHTO x TO  |                               |                                |
| Year 6    | Place value<br>< 1,000,000                                   |                               |                                  | Addition, subtraction, multiplication & division |                                |                                      |                                |                                |                      | Fractions, decimals & percentages       |  | Addition, subtraction,<br>multiplication & division |   | Roman numerals                |                                |

SPRING

| w/c       | 4 <sup>th</sup> Jan<br>5 days | 11 <sup>th</sup> Jan<br>5 days  | 18 <sup>th</sup> Jan<br>5 days | 25 <sup>th</sup> Jan<br>5 days | 1 <sup>st</sup> Feb<br>5 days | 8 <sup>th</sup> Feb<br>5 days | Half Term<br>1 week | 22 <sup>nd</sup> Feb<br>5 days                            | 1 <sup>st</sup> Mar<br>5 days    | 8 <sup>th</sup> Mar<br>5 days | 15 <sup>th</sup> Mar<br>5 days | 22 <sup>nd</sup> Mar<br>5 days      | 29 <sup>th</sup> Mar<br>4 days |
|-----------|-------------------------------|---|--------------------------------|--------------------------------|-------------------------------|-------------------------------|---------------------|---|----------------------------------|-------------------------------|--------------------------------|-------------------------------------|--------------------------------|
| Reception | Number Recognition<br>1-20    |   | Measure                        | More or Less                   | Shape                         |                               |                     | Number Recognition<br>1-20                                | Shape                            |                               | Addition                       | Subtraction                         | Number Recognition<br>1-20     |
| Year 1    | Place value<br>< 20           | Exploring calculation strategies<br>< 20                              |                                |                                | Time                          |                               |                     | Place value<br>< 50                                       | Addition and subtraction<br>< 50 |                               | Doubling & halving             | Fractions                           | Shapes and patterns            |
| Year 2    | Place value<br>< 100          |   | Fractions                      |                                | Time                          |                               |                     | Addition & subtraction<br>revision                        |                                  | Money                         |                                | Measures                            | Data & Graphs                  |
| Year 3    | Place value<br>< 1,000        | Fractions<br>Unit and non-unit  |                                |                                | Time                          |                               |                     | Multiplication & division<br>2x, 3x, 4x, 5x, 6x, 8x, 10x, |                                  | Money                         |                                | Measures<br>Length, mass & capacity |                                |
| Year 4    | Place value<br>< 100,000      | Fractions<br>Addition, subtraction, equivalence, improper, mixed nos. |                                |                                |                               | Time                          |                     | Multiplication & division<br>All facts up to 12 x 12      |                                  | Money                         |                                | Measures<br>Area & perimeter        |                                |
| Year 5    | Place value<br>< 1,000,000    | Fractions, decimals & percentages                                     |                                |                                |                               | Time                          |                     | Primes, factors, squares & cubes                          |                                  |                               | Shape<br>2D & 3D               | Measures<br>Area & perimeter        |                                |
| Year 6    | Place value<br>< 1,000,000    | Addition, subtraction, multiplication & division                      |                                |                                | Algebra                       |                               |                     | Fractions, decimals & percentages                         |                                  | Ratio                         | Shape & measures               |                                     |                                |

SUMMER

| w/c       | 19 <sup>th</sup> Apr<br>5 days | 26 <sup>th</sup> Apr<br>5 days                        | 3 <sup>rd</sup> May<br>4 days | 10 <sup>th</sup> May<br>5 days              | 17 <sup>th</sup> May<br>5 days      | 24 <sup>th</sup> May<br>5 days     | 31 <sup>st</sup> May<br>1 week | 7 <sup>th</sup> June<br>5 days                          | 14 <sup>th</sup> June<br>5 days                  | 21 <sup>st</sup> June<br>5 days | 28 <sup>th</sup> June<br>5 days                               | 5 <sup>th</sup> July<br>5 days | 12 <sup>th</sup> July<br>5 days | 19 <sup>th</sup> July<br>5 days |
|-----------|--------------------------------|---|-------------------------------|---|-------------------------------------|------------------------------------|--------------------------------|---|--|---------------------------------|---|--------------------------------|---------------------------------|---------------------------------|
| Reception | Number Recognition<br>1-20     | More or Less  |                               | Addition                                    |                                     | Data Handling                      |                                | Subtraction   | Time   |                                 | Fractions   |                                | Money                           |                                 |
| Year 1    | Place value<br>< 50            | Measures  |                               | Multiplication and division 2x, 5x, 10x     |                                     |                                    |                                | Place value<br>< 100                                    | Addition and subtraction<br>< 100                |                                 |   | Money                          |                                 |                                 |
| Year 2    | Place value<br>< 1,000         | Shape / Calculation revision<br>/ SATs                |                               | Patterns / SATs                             | Movement / SATs                     | Measures                           |                                | Addition & subtraction<br>Revision                      | Multiplication & division<br>2x, 3x, 4x, 5x, 10x |                                 |   | Time                           | Money                           |                                 |
| Year 3    | Place value<br>< 1,000         | Addition & subtraction<br>Problem solving & reasoning |                               |   | Shape<br>Properties, angles & lines |                                    |                                | Interpreting & presenting data                          | Fractions<br>Addition, subtraction & equivalence |                                 | Multiplication & division<br>2x, 3x, 4x, 5x, 6x, 8x, 10x, 11x |                                |                                 |                                 |
| Year 4    | Place value<br>< 1,000,000     | Multiplication & division<br>Formal written method    |                               | Shape<br>Symmetry, translation & reflection |                                     | Roman numerals                     |                                | Decimals<br>Addition, subtraction, rounding & x/÷ by 10 |  |                                 | Interpreting & presenting data                                |                                | Co-ordinates & plotting         |                                 |
| Year 5    | Place value<br>< 1,000,000     | Converting units of measure                           |                               | Shape<br>Missing lengths & angles           |                                     | Roman numerals                     |                                | Measures<br>Volume                                      | Angles<br>Drawing & measuring                    |                                 | Interpreting & presenting data                                |                                | Reflection & translation        |                                 |
| Year 6    | Place value<br>< 1,000,000     | Reflection & translation                              | Pie charts & the mean         | SATs  | Statistics                          | Practical mathematical application |                                | Practical mathematical application                      |  |                                 |   |                                |                                 |                                 |