

# Year 5 Mathematics Framework : 2015-2016

| Autumn Term |  |   |    | Spring Term                    |  |             |                                | Summer Term   |    |                                |   |   |                                |  |    |                                 |  |
|-------------|--|---|----|--------------------------------|--|-------------|--------------------------------|---|----|--------------------------------|---|---|--------------------------------|--|----|---------------------------------|--|
| Half Term 1 |  | Half Term 2   |    | Half Term 3                    |  | Half Term 4 |                                | Half Term 5   |    | Half Term 6                    |   |   |                                |  |    |                                 |  |
| 1           | Wed<br>2 <sup>nd</sup><br>Sept                   | 2 <sup>nd</sup> training day  | 9  | Mon<br>2 <sup>nd</sup><br>Nov  | 2 <sup>nd</sup> training day   | 1           | Mon<br>4 <sup>th</sup><br>Jan  | 4 <sup>th</sup> training day  | 7  | Mon<br>22 <sup>nd</sup><br>Feb | D2a Number<br>(3 lessons)<br><i>Problems involving<br/>decimals and fractions</i>                                       | 1 | Mon<br>18 <sup>th</sup><br>Apr | B3a Number<br>(7 lessons)<br><i>Efficient written and<br/>mental methods<br/>Rounding<br/>Remainders<br/>Problem solving</i> | 7  | Mon<br>6 <sup>th</sup><br>June  | D3a Problem solving<br>(2-3 lessons)   |
|             |  | Start A1a Number<br>(5 lessons)<br><i>Four operations<br/>Mental &amp; written<br/>calculations<br/>Number sequences</i>      |    |                                | C1b Data Handling<br>(6 lessons)<br><i>Representation of<br/>data<br/>Mean<br/>Collecting and<br/>representing data</i>                      |             |                                | A2a Number<br>(6 lessons)<br><i>Decimals<br/>Four rules</i>                           |    |                                |   |   |                                |  |    |                                 |  |
| 2           | Mon<br>7 <sup>th</sup><br>Sept                   | Year 5 initial<br>assessment TBC<br>(2-3 lessons)   | 10 | Mon<br>9 <sup>th</sup><br>Nov  | Finish A1a Number  | 2           | Mon<br>11 <sup>th</sup><br>Jan | A2b Number<br>(3 lessons)<br><i>Multiplication<br/>Using a calculator</i>             | 8  | Mon<br>29 <sup>th</sup><br>Feb | Y5: s-B   | 2 | Mon<br>25 <sup>th</sup><br>Apr | B3b SSM<br>(3 lessons)<br><i>Angles in triangles,<br/>lines and whole turns</i>  | 8  | Mon<br>13 <sup>th</sup><br>June | Y5: m-B  |
|             |  | Y5: s-A   |    |                                | D1a SSM<br>(3 lessons)<br><i>Perimeter</i>   |             |                                |   |    |                                |   |   |                                |  |    |                                 |  |
| 3           | Mon<br>14 <sup>th</sup><br>Sept                  | A1b Number<br>(5 lessons)<br><i>Multiplication / division<br/>Problem solving<br/>Roman numerals</i>                          | 11 | Mon<br>16 <sup>th</sup><br>Nov | D1b SSM<br>(5 lessons)<br><i>Time<br/>Coordinates</i>  | 3           | Mon<br>18 <sup>th</sup><br>Jan | B2a Number<br>(4 lessons)<br><i>Odd/even &amp; Divisibility<br/>BODMAS</i>            | 9  | Mon<br>7 <sup>th</sup><br>Mar  | C3a SSM<br>(3 lessons)<br><i>Units<br/>Capacity and volume</i>  | 3 | Tues<br>2 <sup>nd</sup><br>May | Revision   | 9  | Mon<br>20 <sup>th</sup><br>June | E3b investigations<br>(5 lessons)  |
|             |  | Y5: as-A<br>Y5: npv-A   |    |                                | E1a Number<br>(4 lessons)<br><i>Fractions</i>  |             |                                | B2b SSM<br>(4 lessons)<br><i>2D shapes<br/>Reflection</i>                             |    |                                |   |   |                                |  |    |                                 |  |
| 4           | Mon<br>21 <sup>st</sup><br>Sept                  | B1a Number<br>(4 lessons)<br><i>Adding and subtracting<br/>decimals<br/>Harder multiplication</i>                             | 12 | Mon<br>23 <sup>rd</sup><br>Nov | Start E1b Number<br>(8 lessons)<br><i>FDP, multiplication<br/>and negative numbers</i>   | 4           | Mon<br>25 <sup>th</sup><br>Jan | TEST B2<br>C2a SSM<br>(3 lessons)<br><i>Units &amp; conversion<br/>Reading scales</i> | 10 | Mon<br>14 <sup>th</sup><br>Mar | Y5: fdp-B   | 4 | Mon<br>9 <sup>th</sup><br>May  | Assessment week  | 10 | Mon<br>27 <sup>th</sup><br>June | E3b investigations<br>(5 lessons)  |
|             |  | Y5: as-A<br>Y5: npv-A   |    |                                | E1a Number<br>(4 lessons)<br><i>Fractions</i>  |             |                                |   |    |                                |   |   |                                |  |    |                                 |  |
| 5           | Mon<br>28 <sup>th</sup><br>Sept                  | CATs week   | 13 | Mon<br>30 <sup>th</sup><br>Nov | 4 <sup>th</sup> school closed?   | 5           | Mon<br>1 <sup>st</sup><br>Feb  | C2b Data handling<br>(4 lessons)<br><i>Databases<br/>Line graphs</i>                  | 11 | Mon<br>21 <sup>st</sup><br>Mar | A3 Number<br>(7 lessons)<br><i>Revision decimals<br/>Multiplication and<br/>division<br/>Rounding<br/>Word problems</i> | 5 | Mon<br>16 <sup>th</sup><br>May | Assessment week  | 11 | Mon<br>4 <sup>th</sup><br>July  | Consolidate - Long<br>multiplication and<br>division<br>+ any other topic<br>area required |
|             |  | B1b Number<br>(5 lessons)<br><i>Factors, multiples,<br/>prime, square and cube<br/>numbers</i>                                |    |                                | 4 <sup>th</sup> school closed?   |             |                                |   |    |                                |   |   |                                |  |    |                                 |  |
| 6           | Mon<br>5 <sup>th</sup><br>Oct                    | B1c SSM<br>(6 lessons)<br><i>Properties of 3D shapes<br/>Nets of cubes<br/>Properties of triangles<br/>and quadrilaterals</i> | 14 | Mon<br>7 <sup>th</sup><br>Dec  | Finish E1b Number<br><i>FDP, multiplication<br/>and negative numbers</i>   | 6           | Mon<br>8 <sup>th</sup><br>Feb  | Y5: m-A<br>Y5: g-A  | 12 | Mon<br>28 <sup>th</sup><br>Mar | Y5: md-B  | 6 | Mon<br>23 <sup>rd</sup><br>May | C3b Data handling<br>(5 lessons)<br><i>Revision of line graphs<br/>Travel graphs</i>   | 12 | Mon<br>11 <sup>th</sup><br>July | Investigations and<br>projects<br><br>Murder Mystery 1<br><br>Tallest tower                |
|             |  | Y5: md-A  |    |                                | Recap and review<br>lessons through APP<br>tasks   |             |                                |   |    |                                |   |   |                                |  |    |                                 |  |
| 7           | Mon<br>12 <sup>th</sup><br>Oct                   | C1a SSM<br>(4 lessons)<br><i>Converting units<br/>Measuring<br/>Estimating</i>  | 15 | Mon<br>14 <sup>th</sup><br>Dec | Note – depending on no of lessons<br>needed for CATs, PoL from half term 1<br>may go into half term 2 but it can be<br>caught up by week 15. | 7           | Mon<br>18 <sup>th</sup><br>Jan | Y5: as-B  | 8  | Mon<br>7 <sup>th</sup><br>Mar  | C3a SSM<br>(3 lessons)<br><i>Units<br/>Capacity and volume</i>  | 3 | Tues<br>2 <sup>nd</sup><br>May | Revision   | 9  | Mon<br>20 <sup>th</sup><br>June | E3a Number<br>(5 lessons)<br><i>Fractions, decimals<br/>and percentages</i>                |
| Y5: md-A    | Recap and review<br>lessons through APP<br>tasks | Y5: fdp-A   |    |                                |  |             |                                |   |    |                                |   |   |                                |  |    |                                 |  |
| 8           | Mon<br>19 <sup>th</sup><br>Oct                   | Consolidation/catch up  |    |                                |  |             |                                |   |    |                                |   |   |                                |  |    |                                 |  |