

| LONG TERM PLAN                                                                                                      |                                            |                                                                                                                        |                                                  |
|---------------------------------------------------------------------------------------------------------------------|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|
| National Curriculum Domain                                                                                          | Suggested timings                          | Learning sequence number and title                                                                                     | Number of small steps (excluding optional steps) |
| Autumn                                                                                                              |                                            |                                                                                                                        |                                                  |
| Number and place value                                                                                              | Week 1 – 3<br><b>3 weeks</b><br>15 steps   | 3LS1 – Place value and regrouping                                                                                      | 5                                                |
|                                                                                                                     |                                            | 3LS2 – Counting on and back in ones, tens and hundreds                                                                 | 4                                                |
|                                                                                                                     |                                            | 3LS3 – Estimation, magnitude and rounding                                                                              | 4                                                |
|                                                                                                                     |                                            | 3LS4 – Measures: comparison, estimation and magnitude                                                                  | 2                                                |
| Addition and subtraction                                                                                            | Week 4 – 10<br><b>7 weeks</b><br>35 steps  | 3LS5 – Mental fluency: addition                                                                                        | 8                                                |
|                                                                                                                     |                                            | 3LS6 – Mental fluency: subtraction (step 4: optional step + amalgamate step 1 and 2)                                   | 7                                                |
|                                                                                                                     |                                            | 3LS7 – Fact families and applying the inverse                                                                          | 4                                                |
|                                                                                                                     |                                            | 3LS8 – Written addition                                                                                                | 6                                                |
|                                                                                                                     |                                            | 3LS9 – Written subtraction                                                                                             | 6                                                |
|                                                                                                                     |                                            | 3LS10 – Problem solving: worded problems                                                                               | 5                                                |
| Geometry and statistics                                                                                             | Week 11 – 13<br><b>3 weeks</b><br>13 steps | 3LS11 – Statistics: interpreting bar charts and tables                                                                 | 4                                                |
|                                                                                                                     |                                            | 3LS12 – Angles, right angles, and estimation                                                                           | 4                                                |
|                                                                                                                     |                                            | 3LS13 – Perpendicular and parallel lines, vertical and horizontal lines                                                | 5                                                |
| Assessment to inform spring term planning                                                                           | <b>2 days</b>                              | <b>Diagnostic assessment paper 1: arithmetic</b><br><b>Diagnostic assessment paper 2: reasoning</b>                    |                                                  |
| Spring                                                                                                              |                                            |                                                                                                                        |                                                  |
| Geometry and measurement                                                                                            | Weeks 1 – 2<br><b>2 weeks</b><br>10 Steps  | 3LS14 – 2-D shape: properties and drawing                                                                              | 4                                                |
|                                                                                                                     |                                            | 3LS15 – Perimeter including problem solving using written and mental methods                                           | 6                                                |
| Multiplication, division, and statistics                                                                            | Week 3 – 7<br><b>5 weeks</b><br>21 steps   | 3LS16 – Multiplication: 3-, 4- and 8-times tables including counting                                                   | 4                                                |
|                                                                                                                     |                                            | 3LS17 – Division: 1-, 2-, 3-, 5-, 4- and 8-times tables                                                                | 5                                                |
|                                                                                                                     |                                            | 3LS18 – Multiplication: strategy, associative and distributive laws                                                    | 5                                                |
|                                                                                                                     |                                            | 3LS19 – Statistics: pictograms and scaled bar charts                                                                   | 3                                                |
|                                                                                                                     |                                            | 3LS20 – Multiplication and division worded problems                                                                    | 4                                                |
| Fractions                                                                                                           | Week 8 – 11<br><b>4 weeks</b><br>16 steps  | 3LS21 – Fractions: finding fractions of discrete and continuous quantities                                             | 4                                                |
|                                                                                                                     |                                            | 3LS22 – Ordering and comparing fractions                                                                               | 5                                                |
|                                                                                                                     |                                            | 3LS23 – Adding and subtracting fractions with the same denominators                                                    | 4                                                |
|                                                                                                                     |                                            | 3LS24 – Fractions: problem solving with unit and non-unit fractions                                                    | 3                                                |
| Assessment to inform summer term planning                                                                           | <b>2 days</b>                              | <b>Diagnostic assessment paper 1: arithmetic</b><br><b>Diagnostic assessment paper 2: reasoning</b>                    |                                                  |
| Summer                                                                                                              |                                            |                                                                                                                        |                                                  |
| Multiplication and division                                                                                         | Week 1 – 5<br><b>5 weeks</b><br>25 steps   | 3LS25 – Multiplication: multiplying multiples of ten                                                                   | 4                                                |
|                                                                                                                     |                                            | 3LS26 – Multiplication: formal written multiplication                                                                  | 5                                                |
|                                                                                                                     |                                            | 3LS27 – Division problem-solving: sharing and grouping                                                                 | 4                                                |
|                                                                                                                     |                                            | 3LS28 – Division: two and three-digit numbers by one-digit numbers including halving                                   | 5                                                |
|                                                                                                                     |                                            | 3LS29 – Multiplication, division and fractions: scaling and correspondence problems                                    | 3                                                |
|                                                                                                                     |                                            | 3LS30 – Division: long division                                                                                        | 4                                                |
|                                                                                                                     |                                            |                                                                                                                        |                                                  |
| Measurement                                                                                                         | Week 6 – 7<br><b>2 weeks</b><br>10 steps   | 3LS31 – Time: hours, minutes, seconds, days, weeks, months, years                                                      | 2                                                |
|                                                                                                                     |                                            | 3LS32 – Time: telling the time (analogue and digital) and estimation (step 5: optional step + amalgamate step 1 and 2) | 3                                                |
|                                                                                                                     |                                            | 3LS33 – Time: duration (step 6: optional step)                                                                         | 5                                                |
| All four operations including fractions<br>(including non-statutory decimal teaching to lay foundations for Year 4) | Week 8 – 10<br><b>3 weeks</b><br>12 steps  | 3LS34 – Securing the four operations with whole number including problem solving                                       | 5                                                |
|                                                                                                                     |                                            | 3LS35 – Place value and decimals: ten times greater and ten times smaller                                              | 4                                                |
|                                                                                                                     |                                            | 3LS36 – Place value and decimals: regrouping                                                                           | 2                                                |
|                                                                                                                     |                                            | 3LS37 – Place value and decimals: estimation, comparing and rounding (steps 2 and 3: optional steps)                   | 1                                                |
| Measurement and geometry                                                                                            | Week 11 – 12<br><b>2 weeks</b><br>9 steps  | 3LS38 – Measures: measuring and problem solving                                                                        | 5                                                |
|                                                                                                                     |                                            | 3LS39 – 3-D shape: building and identifying properties                                                                 | 4                                                |
| Assessment to inform transition / autumn term planning                                                              | <b>2 days</b>                              | <b>Diagnostic assessment paper 1: arithmetic</b><br><b>Diagnostic assessment paper 2: reasoning</b>                    |                                                  |