

## Preston Manor Lower School | Math Year 3 | Long Term Plan 2026-2027

| Autumn Term                                                                            |                                                                                              |                                                                                                     |                                                                                                                          |                                                                                                                                                                  |                                                                            |                                                                                  |                                                                                                        |                                                                                        |                                                                                                                                           |                                                                                                                              |                                                                                                                                              |                                                                                                                                                                                 |                                                                                                                                                                                                                                                                         |
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| Week 1                                                                                 | Week 2                                                                                       | Week 3                                                                                              | Week 4                                                                                                                   | Week 5                                                                                                                                                           | Week 6                                                                     | Week 7                                                                           | Week 8                                                                                                 | Week 9                                                                                 | Week 10                                                                                                                                   | Week 11                                                                                                                      | Week 12                                                                                                                                      | Week 13                                                                                                                                                                         | Week 14                                                                                                                                                                                                                                                                 |
| <b><u>Place Value</u></b><br>Represent numbers to 100<br><br>-Partition numbers to 100 | <b><u>Place Value</u></b><br>-Hundreds, tens and ones<br><br>-Find 100, 10 or 1 more or less | <b><u>Place Value</u></b><br>-Apply number bonds within 10<br><br>-Add and subtract 1, 10s and 100s | <b><u>Measure (length)</u></b><br>-Measure lengths<br><br>-Equivalent lengths (mm-cm) and (cm-m)<br><br>-Compare lengths | <b><u>Measure (time)</u></b><br>-Months and years<br><br>-Hours in a day<br><br>-Telling time to 5 minutes                                                       | <b><u>Addition</u></b><br>-Addition of 1 across a 10 and a 10 across a 100 | <b><u>Subtraction</u></b><br>-Subtraction of 1 across a 10 and a 10 across a 100 | <b><u>Multiplication</u></b><br>-Multiplication-equal groups<br><br>-Using arrays<br>-2,5 times tables | <b><u>Multiplication</u></b><br>-3,4,8 times tables<br><br>-Make equal groups- sharing | <b><u>Division</u></b><br>-Recap divide by 2,5,10<br><br>-Divide by 3,4,8                                                                 | <b><u>Measure (perimeter)</u></b><br>-Measure perimeter<br><br>-Calculate perimeter<br><br>-parallel and perpendicular lines | <b><u>Fractions</u></b><br>- Recognise halves and quarters (equal parts)<br><br>- Recognise thirds<br>-Unit fractions<br>-Non unit fractions | <b><u>Fractions</u></b><br>- Fractions on scales<br><br>- Fractions on a number line<br><br>- Equivalent fractions on a number line<br><br>- Equivalent fractions as bar models | <b><u>2D &amp; 3D shapes</u></b><br>-Recognise and describe 2D shapes<br><br>-Recognise 3D shapes<br><br>-Make 3D shapes and describe properties of them<br><br>-Describe properties of 3D shapes<br><br>Horizontal/vertical lines and parallel and perpendicular lines |
| <b><u>Recapping/review/revisit other topics</u></b><br>-                               |                                                                                              |                                                                                                     |                                                                                                                          | <b><u>Recapping/review/revisit other topics</u></b><br>-Telling time to 5 minutes<br>-Days, months, years, seconds, minutes<br>-Comparing and converting lengths |                                                                            |                                                                                  |                                                                                                        |                                                                                        | <b><u>Recapping/review/revisit other topics</u></b><br>-1,10,100 more and less<br>-Partitioning<br>-Addition/subtraction<br>-Times tables |                                                                                                                              | <b><u>Recapping/review/revisit other topics</u></b><br>-Multiplication/division<br>- Pre-teach shapes<br>-Lines                              |                                                                                                                                                                                 | -recap all knowledge from term                                                                                                                                                                                                                                          |

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| Spring Term                                                                                                                                                                                        |                                                                                                         |                                                                     |                                                                                                                                           |                                                                                                                             |                                                                                                                   |                                                                                                                   |                                                                                                                             |                                                                           |                                                                                                                                                                                                     |                                                                                        |                                                                                                                                                                                  |
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| Week 1                                                                                                                                                                                             | Week 2                                                                                                  | Week 3                                                              | Week 4                                                                                                                                    | Week 5                                                                                                                      | Week 6                                                                                                            | Week 7                                                                                                            | Week 8                                                                                                                      | Week 9                                                                    | Week 10                                                                                                                                                                                             | Week 11                                                                                | Week 12                                                                                                                                                                          |
| <b><u>Place value</u></b>                                                                                                                                                                          | <b><u>Statistics</u></b>                                                                                | <b><u>Addition</u></b>                                              | <b><u>Subtraction</u></b>                                                                                                                 | <b><u>Multiplication</u></b>                                                                                                | <b><u>Division</u></b>                                                                                            | <b><u>Money</u></b>                                                                                               | <b><u>Time</u></b>                                                                                                          | <b><u>Capacity</u></b>                                                    | <b><u>Fractions</u></b>                                                                                                                                                                             | <b><u>Consolidation</u></b>                                                            | <b><u>Consolidation</u></b>                                                                                                                                                      |
| Recap finding less and more than<br><br>Compare and order numbers to 1000<br><br>Count in jumps (10, 25, 50, 100)                                                                                  | Making tallies<br><br>Drawing pictograms<br><br>Interpreting pictograms<br><br>Bar charts<br><br>Tables | Adding across ones, tens and hundreds using a formal written method | Subtracting across ones, tens and hundreds using a formal written method                                                                  | Recap times tables<br><br>Multiply 2 by 1 digit numbers with no exchange<br><br>Multiply 2 by 1 digit numbers with exchange | Divide 2 by 1 digits numbers with no exchange<br><br>Divide 2 by 1 digits numbers with no exchange<br><br>Scaling | Recognise money<br><br>Count pence<br><br>Count pounds<br><br>Count pounds and pence                              | Recap reading time to the nearest five minutes<br><br>Telling time to the minute<br><br>Using am and pm<br><br>24hour clock | Measure capacity<br><br>Compare capacity<br><br>Add and subtract capacity | Recap halves, quarters, thirds (unit and non-unit fractions)<br><br>Equivalent fractions<br><br>Compare and order fractions<br><br>Finding a fraction of a number<br><br>Add and subtract fractions | <u>Children revisit topics they may have struggled with</u><br><br><b>Wk 8 money 2</b> | <u>Children revisit topics they may have struggled with</u><br><br><u>Statistics</u><br><br>(tables, bar graphs and answering questions based on data)<br><br><b>Wk 9 time 2</b> |
| <u>Recapping/review/revisit other topics</u><br>-Days, months, years, seconds, minutes<br>-Comparing and converting lengths<br>-Addition and subtraction pictorially (leading up to column method) |                                                                                                         |                                                                     | <u>Recapping/review/revisit other topics</u><br>-Times tables – 4s and 8s<br>- Odd and even<br>-2D and 3D shapes<br>- Perimeter and lines |                                                                                                                             |                                                                                                                   | <u>Recapping/review/revisit other topics</u><br>-1,10,100 more and less<br>-Partitioning<br>-Addition/subtraction |                                                                                                                             |                                                                           | <u>Recapping/review/revisit other topics</u><br>-Multiplication/division<br>-telling time<br>Knowledge from half term                                                                               |                                                                                        |                                                                                                                                                                                  |

| Summer Term                                                          |                                                               |                                                            |                                                                |                                                                                  |                                                                   |                                                                                                                       |                                                                                                 |                                                                                                                                         |                                                                                                    |                                                                                                                                  |                                                                                                                           |                                                                                                         |
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| Week 1                                                               | Week 2                                                        | Week 3                                                     | Week 4                                                         | Week 5                                                                           | Week 6                                                            | Week 7                                                                                                                | Week 8                                                                                          | Week 9                                                                                                                                  | Week 10                                                                                            | Week 11                                                                                                                          | Week 12                                                                                                                   | Week 13                                                                                                 |
| <b><u>Statistics</u></b>                                             | <b><u>Mass</u></b>                                            | <b><u>Money</u></b>                                        | <b><u>Properties of shape</u></b>                              | <b><u>Fractions</u></b>                                                          | <b><u>Time</u></b>                                                | <b><u>Length and perimeter</u></b>                                                                                    | <b><u>Properties of shape</u></b>                                                               | <b><u>Fractions</u></b>                                                                                                                 | <b><u>Time</u></b>                                                                                 | <b><u>Mass and capacity</u></b>                                                                                                  | <b><u>Addition and subtraction</u></b>                                                                                    | <b><u>Multiplication and division</u></b>                                                               |
| Making bar charts<br><br>Making tables                               | Measure mass<br><br>Compare mass<br><br>Add and subtract mass | Adding money<br><br>Subtracting money<br><br>Giving change | Turns and angles<br><br>Right angles<br><br>Comparing angles   | Making a whole<br><br>Tenths<br><br>Counting in tenths<br><br>Tenths as decimals | Time measured in seconds<br><br>24 hour<br><br>Time to the minute | Metres, centimetres and millimetres<br><br>Equivalent lengths<br><br>Calculate perimeter                              | Measure and draw accurately<br><br>Recognise and describe 2D and 3D shapes<br><br>Draw polygons | Unit fractions of a set of objects<br><br>Non-unit fractions of a set of objects<br><br>Equivalent fractions<br><br>Fractions in scales | Roman numerals to 12<br><br>Reading digital times<br><br>Minutes and seconds<br><br>Time durations | Measure mass in grams and kilograms<br><br>Measure volume in litres and millilitres<br><br>Add and subtract different capacities | Adding 3 digit numbers<br><br>Subtracting 3 digit numbers<br><br>Missing number problems<br><br>Inverse<br><br>Estimation | Multiply 2 by 1 digit numbers with exchange<br><br>Times tables 2, 3, 4, 5, 8, 10<br><br>Division facts |
| Adding and subtracting pounds and pence<br>Telling time<br>Fractions |                                                               |                                                            | Measuring capacity<br>Multiplying and dividing<br>Reading time |                                                                                  |                                                                   | Counting in jumps of 10, 20, 25, 50, 100<br>Telling time to the 5 minutes<br>Telling time to the minute<br>Statistics |                                                                                                 | More and less than<br>Comparing numbers<br>Multiplication/division                                                                      |                                                                                                    |                                                                                                                                  | Writing numbers to 1000<br>Fractions<br>Time<br>Length                                                                    |                                                                                                         |