



Joseph Turner Primary School  
Year 2 – Maths MTP – Spring 2023/2024 (v3)

|                              | Joseph Turner Primary School<br>Year 2 – Maths MTP – Spring 2023/2024 (v3)                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                    |
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|                              | Weeks 1-2                                                                                                                                                                                                                                                                                                                                                                                                           | Weeks 3-7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Week 8-9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Weeks 10-12                                                                                                                                                                                                                                                                                                                                        |
| White Rose Maths Small Steps | <b><u>Measurement: Money</u></b><br>Count money – pence<br>Count money – pounds (notes and coins)?<br>Count money – pounds and pence<br>Choose notes and coins<br>Make the same amount<br>Compare amounts of money<br>Calculate with money<br>Make a pound<br>Find change<br>Two-step problems                                                                                                                      | <b><u>Number: Multiplication and Division</u></b><br>Recognise equal groups<br>Make equal groups<br>Add equal groups<br>Introduce the multiplication symbol<br>Multiplication sentences<br>Use arrays<br>Make equal groups – grouping<br>Make equal groups – sharing<br>The 2 times-table<br>Divide by 2<br>Doubling and halving<br>Odd and even numbers<br>The 10-times table<br>Divide by 10<br>The 5 times-table<br>Divide by 5<br>The 5 and 10 times-table                                            | <b><u>Measure: Length and Height</u></b><br>Measure in centimetres<br>Measure in metres<br>Compare lengths and heights<br>Order lengths and heights<br>For operations with lengths and heights                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b><u>Measure: Mass, Volume/ Temperature</u></b><br>Compare mass<br>Measure in grams<br>Measure in kilograms<br>For operations with mass<br>Compare volume and capacity<br>Measure in millilitres<br>Measure in litres<br>For operations with volume and capacity                                                                                  |
| NC Objective                 | Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value<br>Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change                                                                                                                                                                            | Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (×), division (÷) and equals (=) signs<br>Show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot<br>Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers                                                | Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature (°C); capacity (litres/ml) to the nearest appropriate unit using rulers, scales, thermometers and measuring vessels<br>Compare and order lengths, mass, volume/capacity and record the results using >, < and =<br>Solve problems with addition and subtraction using concrete objects and pictorial representations, including those involving numbers, quantities and measures<br>Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts | Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature (°C); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels<br>Compare and order lengths, mass, volume/capacity and record the results using >, < and = |
| Ready to Progress Criteria   | 2NPV-2 - Reason about the location of any two-digit number in the linear number system, including identifying the previous and next multiple of 10. 2AS-2 - Recognise the subtraction structure of 'difference' and answer questions of the form, "How many more...?"<br>2AS-4 - Add and subtract within 100 by applying related one-digit addition and subtraction facts: add and subtract any 2 twodigit numbers. | 2MD1 - Recognise repeated addition contexts, representing them with multiplication equations and calculating the product, within the 2, 5 and 10 multiplication tables.<br>2MD1 - Recognise repeated addition contexts, representing them with multiplication equations and calculating the product, within the 2, 5 and 10 multiplication tables.<br>2MD-2 - Relate grouping problems where the number of groups is unknown to multiplication equations with a missing factor, and to division equations | 2AS-4 - Add and subtract within 100 by applying related one-digit addition and subtraction facts: add and subtract any 2 two-digit numbers.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2MD1 - Recognise repeated addition contexts, representing them with multiplication equations and calculating the product, within the 2, 5 and 10 multiplication tables                                                                                                                                                                             |