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| p | **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** |
| **Aut** | Place Value | | | | Addition and Subtraction | | | | | | | | Multiplication and Division A | | | | | | Consolidation | Assessment |
| **Spr** | Multiplication and Division B | | | | Length and Perimeter | | | | Fractions A | | | | | Mass and Capacity | | | | | Consolidation | Assessment |
| **Sum** | Fractions B | | | Money | | | Time | | | | | Shape | | Statistics | | | | Consolidation | Assessment | Transition |

**Autumn Term:** **Breakdown of small steps across the year: Based on White Rose Maths Scheme of Learning**

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|  | **Autumn 1** | | | | | | | **Autumn 2** | | | | | | | |
|  | **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** |
|  | **Number: Place Value** | | | **`Number: Addition and Subtraction** | | | | | **Number: Multiplication and Division A** | | | | | **Consolidation** | **Assessment**  **Week** |
| **Small Steps (WRM)** | Represent numbers to 100  Partition numbers to 100  Number line to 100  Hundreds  Represent numbers to 1,000 | Partition numbers to 1,000  Flexible partitioning of numbers to 1,000  Hundreds, tens and ones  Find 1, 10 or 100 more or less  Number line to 1,000 | Estimate on a number line to 1,000  Compare numbers to 1,000  Order number to 1,000  Count in 50s | Apply number bonds within 10  Add and subtract 1s  Add and subtract 10s  Add and subtract 100s  Spot the pattern | Add 1s across a 10  Add 10s across a 100  Subtract 1s across a 10  Subtract 10s across a 100  Make connections | Add two numbers (no exchange)  Subtract two numbers (no exchange)  Add two numbers (across a 10)  Add two numbers (across a 100) | Subtract two numbers (across a 10)  Subtract two numbers (across a 100)  Add tw0-digit and 3-digit numbers  Subtract a 2-digit number from a 3-digit number | Complements to 100  Estimate answers  Inverse operations  Make decisions | | Multiplication – equal groups  Use arrays  Multiples of 2  Multiples of 5 and 10 | Sharing and grouping  Multiply by 3  Divide by 3  The 3 times table | Multiply by 4  Divide by 4  The 4 times table | Multiply by 8  Divide by 8  The 8 times table  The 2, 4 and 8 times table |  |  |
| **Supporting Resources** | **NCETM Spine:** 1.17 (TP1 hundreds, 1000, 50s, 25s) 1.18 (TP1 100s,10s,1s) (TP2 number line to 1000) (TP3 1,10,100 more or less) (TP4 compare order) | | | **NCETM Spine:** 1.18 (TP 5 add and sub multiples of 100) 1.19 1.17 (TP 3 + 4 crossing 10s and 100s) 1.20 (written addition) 1.21 (written subtraction) | | | | | | **NCETM Spine:** 2.6 (revisit for equal groups) 2.8 (TP 1 mult and divide by 3) 2.7 (mainly TP2 mult divide by 4 incl 4x table) (TP3 & 4 mult and divide by 8 incl 8x table) | | | |  |  |
| **Vocab** | Place value, digit, hundreds, tens, ones, thousand, numeral, value, standard form, expanded form, word form, base ten, comparison, ordering, estimation, regrouping, partitioning | | | Addition, subtraction, sum, difference, addend, minuend, subtrahend, total, carry over, borrow, exchange, estimation, rounding, inverse operations, number line, decompose, equation, compensations, place value | | | | | | Multiplication, division, factor, product, dividend, divisor, quotient, remainder, times table, array, repeated addition, equal groups, multiplicative comparison, inverse operations, skip counting, commutative law, partition, distribute | | | |  |  |

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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** |
| **Aut** | Place Value | | | | Addition and Subtraction | | | | | | | | Multiplication and Division A | | | | | | Consolidation | Assessment |
| **Spr** | Multiplication and Division B | | | | Length and Perimeter | | | | Fractions A | | | | | Mass and Capacity | | | | | Consolidation | Assessment |
| **Sum** | Fractions B | | | Money | | | Time | | | | | Shape | | Statistics | | | | Consolidation | Assessment | Transition |

**Spring Term:** **Breakdown of small steps across the year: Based on White Rose Maths Scheme of Learning**

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|  | **Spring 1** | | | | | | | **Spring 2** | | | | | | |
|  | **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** |
|  | **Number: Multiplication and Division B** | | | **Measure: Length and Perimeter** | | | **Number: Fractions A** | | | **Measure: Mass and Capacity** | | | **Consolidation** | **Assessment**  **Week** |
| **Small Steps (WRM)** | Multiples of 10  Related calculations  Reasoning about multiplication  Multiply a 2-digit number by a 1-digit number (No exchange) | Multiply a 2-digit number by a 1-digit number (with exchange)  Link multiplication and division  Divide a 2-digit number by a 1-digit number (no exchange) | Divide a 2-digit number by a 1-digit (flexible partitioning)  Divide a 2-digit number by a 1-digit number (with remainders)  Scaling  How many ways? | Measure in metres and centimetres  Measure in millimetres  Measure in centimetres and millimetres  Metres, centimetres and millimetres | Equivalent lengths (metres and centimetres)  Equivalent lengths (centimetres and millimetres)  Compare lengths  Add lengths | Subtract lengths  What is perimeter ?  Measure perimeter  Calculate perimeter | Understand the denominators of unit fractions  Compare and order unit fractions  Understand the numerators of non-unit fractions | Understand the whole  Compare and order non-unit fractions  Fractions and scales  Fractions on a number line | Count in fractions on a number line  Equivalent fractions on a number line  Equivalent fractions as bar models | Use scales  Measure mass in grams  Measure mass in kilograms and grams  Equivalent masses (kilograms and grams) | Compare mass  Add and subtract mass  Measure capacity and volume in millilitres  Measure mass and capacity in millilitres and litres | Equivalent capacity of volumes (millilitres and litres)  Compare capacity and volume  Add and subtract capacity and volume |  |  |
| **Supporting Resources** | **NCETM Spine**: 2.6 TP4 related 2.13 (TP 6 related facts taken from y4) 2.19 (related facts taken from y5) 2.17 and 2.8 (TP 5 scaling) 2.14 (select from TP 1 & 2) 2.15 (TP 1) (Concrete resources best for this topic) | | | **NCETM Spine:** 2.16 (TP 1 to introduce) | | | **NCETM Spine:** revisit Key Stage 1 3.1, 3.2 3.6 (TP 3 Fractions of amounts) | | |  | | |  |  |
| **Vocab** | Multiplication, division, factor, product, dividend, divisor, quotient, remainder, times table, array, repeated addition, equal groups, multiplicative comparison, inverse operations, skip counting, commutative law, partition, distribute | | | Length, width, height, perimeter, distance, measure, unit, metre, centimetre, millimetre, inch, ruler, tape measure, scale, compare, estimate | | | Fraction, numerator, denominator, half, quatre, third, equivalent fractions, simplest form, mixed number, improper fractions, proper fraction, whole number, compare fractions, add fractions, subtract fractions, unit fractions, visual fractions model, partition | | | Mass, capacity, weight, gram, kilogram, litre, millilitre, scale, balance, measuring cup, measuring jug, volume, density, heavy, light, full, empty | | |  |  |

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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** |
| **Aut** | Place Value | | | | Addition and Subtraction | | | | | | | | Multiplication and Division A | | | | | | Consolidation | Assessment |
| **Spr** | Multiplication and Division B | | | | Length and Perimeter | | | | Fractions A | | | | | Mass and Capacity | | | | | Consolidation | Assessment |
| **Sum** | Fractions B | | | Money | | | Time | | | | | Shape | | Statistics | | | | Consolidation | Assessment | Transition |

**Summer Term:** **Breakdown of small steps across the year: Based on White Rose Maths Scheme of Learning**

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|  | **Spring 1** | | | | | | | | | | | **Spring 2** | | | | | | | | |
|  | **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** |
|  | **Fractions B** | | | | **Money** | | **Time** | | | | | **Shape** | | **Statistics** | | | | **Consolidation** | **Assessment** | **Transition** |
| **Small Steps (WRM)** | Add fractions  Subtract fractions  Partition the whole | Unit fractions of a set of objects  Non-unit fractions of a set of objects  Reasoning with fractions of an amount | | Pounds and pence  Convert pounds and pence  Add money | | Subtract money  Find change | Roman numerals to 12  Tell the time to 5 minutes  Tell the time to the minute  Read time on a digital clock | | | Use a.m. and p.m.  Years, months and days  Days and hours  Hours and minutes | Hours and minutes – use durations  Minutes and seconds  Units of time  Solve problems with time | Turns and angles  Right angles  Compare angles  Measure and draw accurately  Horizontal and vertical | Parallel and perpendicular  Recognise and describe 2D shapes  Draw polygons  Recognise and describe 3D shapes  Make 3D shapes | Interpret pictograms  Draw pictograms  Interpret bar charts | Draw bar charts  Collect and represent data  Two-way tables | |  | |  |  |
| **Supporting Resources** | **NCETM Spine: 3.3** (compare and order) 3.4 (add and sub fractions) 3.7 (select from TP 1 + 2 only) | |  | | | | | |  | | |  | |  | |  | | |  |  |
| **Vocab** | Fraction, numerator, denominator, half, quatre, third, equivalent fractions, simplest form, mixed number, improper fractions, proper fraction, whole number, compare fractions, add fractions, subtract fractions, unit fractions, visual fractions model, partition | | penny (1p), two pence (2p), five pence (5p), and others up to two pounds (£2), as well as notes like five pounds (£5) and ten pounds (£10). Currency, coin, note, change, total, cost, and value, understanding decimal place value. greater than (>), less than (<), and equal to | | | | | Second, minute, hour, day, week, month, year, hour hand, minute hand, clock face, numbers (1-12) on the clock, o'clock, half past, quarter past, quarter to, AM, PM, before, after, past, to, early, late, morning, afternoon, evening, night, first, next, then, finally, last, duration, short, long, fast, slow, days of the week, months of the year, seasons, yesterday, today, tomorrow, routine, schedule, timetable, planning, waiting, time management, elapsed, how long, time passed, time taken, clock, watch, timer, calendar, word problems. | | | | circles, squares, triangles, rectangles, ovals, and polygons such as pentagons, hexagons, and octagons. They also explore 3D shapes such as spheres, cubes, cones, cylinders, rectangular prisms, and pyramids. Concepts include shape attributes like sides, corners (or vertices), edges (for 3D shapes), curves, angles, symmetry, and terms related to size, position, and direction. Students learn transformation terms like rotate, flip (reflect), and slide (translate), as well as pattern and symmetry concepts. | | Bar graphs, picture graphs (pictographs), tally charts, and line plots to organize and display data, more, less, equal, greater, and smaller, and learn about frequency, which refers to how often something occurs. | |  | | |  |  |