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| **Place Value, Addition and Subtraction** | | | | | | | | | | | | | **Decimals and Fractions (A)** | | | | | | | | | |
| Unit 1 | | Unit 2 | | | Unit 3 | | Unit 4 | | Unit 5 | | | | Unit 1 | | | Unit 2 | | Unit 3 | | | Unit 4 | |
| Day 1 | Day 2 | Day 1 | Day 2 | Day 3 | Day 1 | Day 2 | Day 1 | Day 2 | Day 1 | Day 2 | Day 3 | Day 4 | Day 1 | Day 2 | Day 3 | Day 1 | Day 2 | Day 1 | Day 2 | Day 3 | Day 1 | Day 2 |
| Place value in 6-digit numbers | | Place 6-digit numbers on lines and round | | | Column addition and estimation | | Column subtraction and estimation | | Mental and written calculation strategies | | | | Add or subtract decimals | | | Subtract 1- and 2-place decimals | | Understand decimals with three places | | | Add/subtract multiples of 0.1, 0.01, 0.001 | |
| **MNU 2-02a** *Extend the range of whole numbers worked with and explain the link between a digit, its place and its value* | | | | | **MNU 2-03a** *Solve problems involving whole numbers using a range of methods, sharing approaches and solutions*  **MNU 2-01a** *Use knowledge of rounding to routinely estimate the answer to a problem*  **MTH 2-15a** *Apply knowledge of number facts to solve problems* | | | | | | | | **MNU 2-07a** *Investigate contexts in which decimal fractions are used and carry out the necessary calculations to solve related problems* | | | | | | | | | |
| **MNU 2-03a** *Solve whole- number problems* | | **MNU 2-01a** *Use knowledge of rounding* | | | **MNU 2-01a** *Use knowledge of rounding to routinely estimate the answer to a problem* | | | **MTH 2-15a** *Apply number facts to solve problems* | | **MNU 2-02a** *Explore how decimal fractions are constructed; explain the link between a digit, its place and its value.* | | | | |
| Outcomes: 4 | | Outcomes: 1, 2 | | | Outcomes: 6 | | Outcomes: 7 | | Outcomes: 5, 8 | | | | Outcomes: 30 | | | Outcomes: 29, 31 | | Outcomes: 28 | | | | |



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| **Algebra** | | | | | | | | **Multiplication and Division** | | | | | | | | | | | | | | |
| Unit 1 | | Unit 2 | | | Unit 3 | | | Unit 1 | | Unit 2 | | | Unit 3 | | | | Unit 4 | | | | Unit 5 | |
| Day 1 | Day 2 | Day 1 | Day 2 | Day 3 | Day 1 | Day 2 | Day 3 | Day 1 | 2 | Day 1 | 2 | 3 | Day 1 | 2 | 3 | 4 | Day 1 | 2 | 3 | 4 | Day 1 | 2 |
| Generate and use simple formulae | | Solve equations with two unknowns | | | Generate and continue linear sequences | | | Multiples, factors and prime numbers | | Solve short multiplication problems | | | Use short division to solve problems | | | | Long multiplication problems | | | | Formal / informal strategies | |
| **MTH 2-15a** *Apply knowledge of number facts to solve problems where an unknown value is represented by a symbol or letter* | | | | | | | | **MTH 2-15a** *Apply knowledge of number facts to solve problems* | | | | | | | | | | | | | | |
| **MTH 2-13a** *Explain the rule used to generate the sequence, and apply it to extend the pattern* | |  | | | **MTH 2-13a** *Explain the rule used to generate the sequence, and apply it to extend the pattern* | | | **MNU 2-05a** *Investigate and identify multiples and factors* | | **MNU 2-03a** *Determine which calculations are needed; Solve problems involving whole numbers using a range of methods, sharing approaches and solutions*  **MNU 2-01a** *Use knowledge of rounding to routinely estimate the answer to a problem* | | | | | | | | | | | | |
| Outcomes: 36 | | Outcomes: 37, 38 | | | Outcomes: 39 | | | Outcomes:  9, 10, 14, 18 | | Outcomes: 9, 11 | | | Outcomes: 9, 15, 16 | | | | Outcomes: 9, 12 | | | | Outcomes: 18, 19, 20 | |

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| **Decimals and Fractions (B)** | | | | | | | **Shape** | | | | | | | | | |
| Unit 1 | | | | Unit 2 | | | Unit 1 | | Unit 2 | | | Unit 3 | | | Unit 4 | |
| Day 1 | Day 2 | Day 3 | Day 4 | Day 1 | Day 2 | Day 3 | Day 1 | Day 2 | Day 1 | Day 2 | Day 3 | Day 1 | Day 2 | Day 3 | Day 1 | Day 2 |
| Decimals, fractions: compare, order | | | | Equivalent fractions: add and subtract | | | 2-D shapes (circles and quadrilaterals) | | Draw, translate, reflect polygons | | | Draw 2-D shapes; find missing angles | | | Construct 3-D shapes using nets | |
| **MNU 2-07a** *Investigate contexts in which fractions are used and carry out the necessary calculations to solve related problems*  **MNU 2-07c** *Investigate how a set of equivalent fractions can be created; understand the meaning of simplest form* | | | | | | | **MTH 2-16a** *Explore a range of 3-D objects and 2-D shapes; use mathematical language to describe their properties* | | | | | | | | | |
| **MNU 2-07b** *Show the equivalent forms of simple fractions and decimal fractions* | | | |  | | | **MTH 2-16c** *Draw 2-D shapes* | | | | | | | | **MTH 2-16b** *Show understanding of the relationship between 3-D objects and their nets* | |
|  | | **MTH 2-18a** *Use knowledge of the coordinate system to plot and describe the location of a point on a grid* | | | **MTH 2-17a** *Discuss, describe and classify angles*  **MTH 2-17b** *Accurately measure and draw angles* | | |
| Outcomes: 21, 22, 23, 24 | | | | Outcomes: 21, 22 | | | Outs: 51, 53 | | Outcomes: 54, 55 | | | Outcomes: 49, 52 | | | Outcomes: 50 | |

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| **More Place Value, Addition and Subtraction** | | | | | | | | | |
| Unit 1 | | | Unit 2 | | Unit 3 | | Unit 4 | | |
| Day 1 | Day 2 | Day 3 | Day 1 | Day 2 | Day 1 | Day 2 | Day 3 | Day 1 | Day 2 |
| Add, subtract & round 6-/7-digit numbers | | | Understand /calculate negative numbers | | Strategies in mental & written calculation | | Use brackets and order of operations | | |
| **MNU 2-02a** *Extend the range of whole numbers worked with and explain the link between a digit, its place and its value*  **MNU 2-03a** *Solve problems involving whole numbers*  **MNU 2-01a** *Use knowledge of rounding numbers* | | | **MNU 2-04a** *Extend the number line to include numbers less than zero and how these are used* | | **MNU 2-03a** *Solve problems involving whole numbers using a range of methods, sharing approaches and solutions* | | **MNU 2-03c** *Explore the need for rules for the order of operations in number calculations, apply correctly when solving simple problems* | | |
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| Outcomes: 1, 2, 4 | | | Outcomes: 3, 4 | | Outcomes: 4, 5 | | Outcomes: 8, 18 | | |



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| **Decimals and Fractions (A)** | | | | | | | **Data** | | | | | | | | | |
| Unit 1 | | | Unit 2 | | Unit 3 | | Unit 1 | | | | Unit 2 | | Unit 3 | | | |
| Day 1 | Day 2 | Day 3 | Day 1 | Day 2 | Day 1 | Day 2 | Day 1 | Day 2 | Day 3 | Day 4 | Day 1 | Day 2 | Day 1 | Day 2 | Day 3 | Day 4 |
| Place value in 3-place decimals | | | Add numbers with up to 3 decimal places | | Multiply/divide 2-place decimal numbers | | Conversion: metric/imperial units; line graphs | | | | Time intervals, timetables, 24-hour clock | | Pie-charts; find the mean of a data set | | | |
| **MNU 2-07a** *Investigate contexts in which decimal fractions are used and carry out the necessary calculations to solve related problems*  **MTH 2-15a** *Apply knowledge of number facts to solve problems*  **MNU 2-02a** *Explore how decimal fractions are constructed; explain the link between a digit, its place and its value.* | | | | | | | **MNU 2-11b** *Use the common units of measure, convert between related units of the metric system*  **MNU 2-21a** *Display data in a clear way* | | | | **MNU 2-10a** *Use and interpret timetables and schedules; make time calculations*  **MNU 2-10b** *Carry out practical tasks involving timed events* | | **MNU 2-20a** *Interpret and draw conclusions from the information displayed*  **MNU 2-20b** *Gather information and collate, organise and communicate results*  **MNU 2-21a** *Display data in a clear way* | | | |
| Outcomes: 28 | | | Outcomes: 30 | | Outcomes: 32 | | Outcomes: 40, 41, 47 | | | | Outcomes: 45 | | Outcomes: 47, 48 | | | |

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| **Multiplication and Division (A)** | | | | | **Decimals and Fractions (B)** | | | | | | | | | |
| Unit 1 | | Unit 2 | | | Unit 1 | | | | Unit 2 | | | Unit 3 | | |
| Day 1 | Day 2 | Day 1 | Day 2 | Day 3 | Day 1 | Day 2 | Day 3 | Day 4 | Day 1 | Day 2 | Day 3 | Day 1 | Day 2 | Day 3 |
| Scale factor problems concerning area | | Solve rate and scaling problems | | | Percentages and fractions of amounts | | | | Multiply and divide fractions | | | Ratios, proportion and percentages | | |
| **MTH 2-17d** *Investigated where, why and how scale is used and expressed; apply my understanding to interpret simple models, maps and plans*  **MNU 2-03a** *Determine which calculations are needed; Solve problems involving whole numbers using a range of methods, sharing approaches and solutions*  **MTH 2-15a** *Apply knowledge of number facts to solve problems* | | | | | **MNU 2-07a** *Investigate contexts in which fractions and percentages are used and carry out the necessary calculations to solve related problems* | | | | | | | | | |
| **MNU 2-07b** *Show the equivalent forms of simple fractions and percentages* | | | |  | | | **MNU 2-07b** *Show the equivalent forms of simple fractions and percentages* | | |
| Outcome: 13, 34, 35 | | Outcomes: 9, 10, 13, 14 | | | Outcomes: 21, 22, 24, 33 | | | | Outcomes: 25, 26, 27 | | | Outcomes: 23, 33, 35 | | |

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| **Measures** | | | | | **Multiplication and Division (B)** | | | | | | | | |
| Unit 1 | | | Unit 2 | | Unit 1 | | | Unit 2 | | | Unit 3 | | |
| Day 1 | Day 2 | Day 3 | Day 1 | Day 2 | Day 1 | Day 2 | Day 3 | Day 1 | Day 2 | Day 3 | Day 1 | Day 2 | Day 3 |
| Calculate areas of different shapes | | | Calculate volumes of cubes/cuboids | | Long division; different remainder forms | | | Use short/long multiplication in problems | | | Use short/long division in problems | | |
| **MNU 2-11c** *Explain how different methods can be used to find the perimeter and area of a simple 2-D shapes or volume of a simple 3-D object* | | | | | **MNU 2-03a** *Determine which calculations are needed; Solve problems involving whole numbers using a range of methods, sharing approaches and solutions*  **MNU 2-01a** *Use knowledge of rounding to routinely estimate the answer to a problem*  **MTH 2-15a** *Apply knowledge of number facts to solve problems* | | | | | | | | |
| Outcomes: 42, 43 | | | Outcomes: 44 | | Outcomes: 15, 17 | | | Outcomes: 11, 12, 19 | | | Outcomes: 15, 16, 17, 19 | | |

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| **Spr/Sum Revision Menu A** | | | | | | | | | | | | | | |
| Unit 1 | | | Unit 2 | | Unit 3 | | | | Unit 4 | | Unit 5 | | Unit 6 | |
| Day 1 | Day 2 | Day 3 | Day 1 | Day 2 | Day 1 | Day 2 | Day 3 | Day 4 | Day 1 | Day 2 | Day 1 | Day 2 | Day 1 | Day 2 |
| Understand decimals, including negatives | | | Add/subtract whole numbers; solve problems | | Mental and written multiplication/division | | | | Mental multiplication & division; ratio | | Fractions, decimals and percentages | | Understanding and calculating fractions | |
| **MNU 2-02a** *Extend the range of whole numbers;* *Explore how decimal fractions are constructed; explain the link between a digit, its place and its value.*  **MNU 2-04a** *Extend the number line to include numbers less than zero and how these are used* | | | **MNU 2-03a** *Determine which calculations are needed; Solve problems involving whole numbers using a range of methods, sharing approaches and solutions*  **MNU 2-01a** *Use knowledge of rounding to routinely estimate the answer to a problem then, after calculating, decide if answer is reasonable*  **MTH 2-15a** *Apply knowledge of number facts to solve problems* | | | | | | **MTH 2-15a** *Apply knowledge of number facts to solve problems*  **MNU 2-05a** *Investigate and identify multiples and factors*  **MTH 2-17d** *Investigated where, why and how scale is used and expressed* | | **MNU 2-07a** *Investigate contexts in which fractions, decimals and percentages are used and carry out the necessary calculations to solve related problems*  **MNU 2-07b** *Show the equivalent forms of simple fractions, decimals and percentages; choose preferred form when solving a problem, explaining choice of method* | | | |
| Outcomes: 1, 2, 3, 4, 28 | | | Outcomes:4, 5, 6, 7, 19 | | Outcomes: 9, 10, 11, 12, 14, 15, 16, 17 | | | | Outcomes: 32, 35 | | Outcomes: 23, 33 | | Outs: 22, 25, 26, 27 | |



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| **Spr/Sum Revision Menu B** | | | | | | | | | | | |
| Unit 1 | | Unit 2 | | | Unit 3 | | | Unit 4 | | Unit 5 | |
| Day 1 | Day 2 | Day 1 | Day 2 | Day 3 | Day 1 | Day 2 | Day 3 | Day 1 | Day 2 | Day 1 | Day 2 |
| Areas, perimeters and volume | | Shapes, angles, reflections, translations | | | Bar charts, pie charts, line graphs, means | | | Algebra: unknowns and linear sequences | | Problem solving | |
| **MNU 2-11c** *Explain how different methods can be used to find the perimeter and area of a simple 2-D shapes or volume of a simple 3-D object.* | | **MTH 2-16a** *Explore a range of 3-D objects and 2-D shapes; use mathematical language to describe their properties*  **MTH 2-17a** *Discuss, describe and classify angles*  **MTH 2-18a** *Use knowledge of the coordinate system to plot and describe the location of a point on a grid* | | | **MNU 2-20a** *Interpret and draw conclusions from the information displayed*  **MNU 2-20b** *Gather information and collate, organise and communicate results*  **MNU 2-21a** *Display data in a clear way* | | | **MTH 2-13a** *Explain the rule used to generate the sequence, and apply it to extend the pattern*  **MTH 2-15a** *Apply knowledge of number facts to solve problems where an unknown value is represented by a symbol or letter* | | **MNU 2-03a** *Determine which calculations are needed*  **MNU 2-01a** *Use knowledge of rounding to routinely estimate the answer to a problem then, after calculating, decide if answer is reasonable*  **MTH 2-15a** *Apply knowledge of number facts to solve problems* | |
| Outcomes: 36, 42, 44 | | Outcomes: 49, 50, 52, 54 | | | Outcomes: 47, 48 | | | Outcomes: 37, 38 | | Outcomes: 8, 20 | |

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| **Exploration in Maths** | | | | | | | | | | **Maths Around Us** | | | | | | | | | |
| Unit 1 | | Unit 2 | | | Unit 3 | | | | | Unit 1 | | | | | Unit 2 | | | Unit 3 | |
| Day 1 | Day 2 | Day 1 | Day 2 | Day 3 | Day 1 | Day 2 | Day 3 | Day 4 | Day 5 | Day 1 | Day 2 | Day 3 | Day 4 | Day 5 | Day 1 | Day 2 | Day 3 | Day 1 | Day 2 |
| Explore a million | | Number games and puzzles | | | History of maths | | | | | Measuring ourselves and around us | | | | | Tessellation & other shape patterns | | | Ratios in nature and art | |
| **MNU 2-03a** *Solve problems involving whole numbers using a range of methods, sharing approaches and solutions* | | | | | | | | | | **MNU 2-01a** *Use knowledge of rounding to routinely estimate the answer to a problem then, after calculating, decide if answer is reasonable*  **MNU 2-03a** *Solve problems involving whole numbers using a range of methods, sharing approaches and solutions*  **MNU 2-11b** *Use the common units of measure, convert between related units of the metric system*  **MNU 2-21a** *Display data in a clear way* | | | | | **MTH 2-16a** *Explore a range of 2-D shapes; use mathematical language to describe their properties* | | | **MTH 2-15a** *Apply knowledge of number facts to solve problems*  **MNU 2-11b** *Use the common units of measure* | |
| **MNU 2-02a** *Extend the range of whole numbers* | | **MTH 2-15a** *Apply knowledge of number facts to solve problems*  **MTH 2-16a** *Explore a range and 2-D shapes; use mathematical language to describe their properties* | | | **MTH 2-13a** *Explain the rule used to generate a sequence, and apply it to extend the pattern*  **MTH 2-15a** *Apply knowledge of number facts to solve problems where an unknown value is represented by a symbol or letter* | | | | |
| Outcomes:  4, 19, 40, 41 | | Outcomes: 5, 18, 55 | | | Outcomes: 4, 9, 19, 36, 55 | | | | | Outcomes: 4, 19, 20, 34, 40, 41, 47, 48, 55 | | | | | Outcomes: 49 | | | Outcomes: 19, 35, 39, 40, 48 | |

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| **Puzzles and Patterns** | | | | | | | | | |
| Unit 1 | | | | | Unit 2 | | | Unit 3 | |
| Day 1 | Day 2 | Day 3 | Day 4 | Day 5 | Day 1 | Day 2 | Day 3 | Day 1 | Day 2 |
| Calculator patterns | | | | | Number puzzles | | | Number patterns | |
| **MTH 2-13a** *Explain the rule used to generate a sequence; apply it to extend the pattern*  **MTH 2-15a** *Apply knowledge of number facts to solve problems*  **MNU 2-03a** *Solve problems involving whole numbers using a range of methods* | | | | | | | | | |
| **MNU 2-03b** *Explore the contexts in which problems involving decimal fractions occur* | | | | |  | | | | |
| Outcomes: 18, 19, 20, 24, 55 | | | | | Outcomes: 37, 38, 55 | | | Outcomes: 11, 16, 17, 53, 55 | |