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| **Place Value (A)** | | | | | | | | | | | **Addition and Subtraction (A)Scotland, Flag, Country, United, Kingdom** | | | | | | | | |
| Unit 1 | | | Unit 2 | | Unt 3 | | | Unit 4 | | | Unit 1 | | | | | | Unit 2 | | |
| 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 | Day 4 | Day 5 | Day 6 | Day 1 | Day 2 | Day 3 |
| Place value in 4- and 5-digit numbers | | | Place numbers on a line | | Place value addition; rounding | | | Place numbers on lines; decimals | | | Column addition; mental subtraction | | | | | | More addition /subtraction; choose strategies | | |
| **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 my approaches and solutions with others*Scotland, Flag, Country, United, KingdomScotland, Flag, Country, United, Kingdom | | | | | | | | | | | **MNU 2-03a** *Solve problems involving whole numbers using a range of methods, sharing my approaches and solutions with others*  **MNU 2-01a** *Use my knowledge of rounding to routinely estimate the answer to a problem*  **MTH 2-15a** *Apply knowledge of number facts to solve problems* Scotland, Flag, Country, United, Kingdom | | | | | | | | |
|  | | | | | | | | **MNU 2-03b** *Explore the contexts in which problems involving decimal fractions occur* | | |
| Hamilton Outcomes  Y4: 3  Y5: 1, 3, 5 | | | Outcomes:  Y4: 1  Y5: 1, 2 | | Outcomes  Y4: 3, 4, 6  Y5: 1, 2, 3 | | | Outcomes  Y4: 1, 2  Y5 Outs: 19, 29, 30 | | | Outcomes  Y4: 9, 10, 11, 12, 16  Y5: 8, 10 | | | | | | Outcomes  Y4: 6, 10, 16  Y5: 9, 10 | | |



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| **Multiplication and Division (A)** | | | | | | **Time** | |
| Unit 1 | | | | | | Unit 1 | |
| Day 1 | Day 2 | Day 3 | Day 4 | Day 5 | Day 6 | Day 1 | Day 2 |
| Mental multiplication and division | | | | | | Tell the time; timetables | |
| **MNU 2-03a** *Solve problems involving whole numbers using a range of methods, sharing my approaches and solutions with others*  **MTH 2-15a** *Apply knowledge of number facts to solve problems* | | | | | | **MNU 2-10b** *Carry out practical tasks and investigations involving timed events*  **MNU 2-10a** *Use and interpret timetables and schedules* | |
| Outcomes  Y4: 17, 18, 21  Y5: 12, 13, 15, 21 | | | | | | Outcomes  Y4: 37  Y5: 40, 43 | |

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| **Fractions** | | | | | | | **Place Value (B)** | | | |
| Unit 1 | | | Unit 2 | | | | Unit 1 | | Unit 2 | |
| Day 1 | Day 2 | Day 3 | Day 1 | Day 2 | Day 3 | Day 4 | Day 1 | Day 2 | Day 1 | Day 2 |
| Fractions of amounts | | | Equivalent fractions; add/subtract fractions | | | | Deepen understanding of place value | | Add/ subtract powers of 10 | |
| **MNU 2-07a** *Investigate contexts in which fractions are used and carry out the necessary calculations to solve related problems* | | | | | | | **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 my approaches and solutions with others* | | | |
|  | | | **MNU 2-07c** *Investigate how a set of equivalent fractions can be created; understand the meaning of simplest form* | | | |
| Outcomes  Y4: 24  Y5: 25, 33 | | | Outcomes  Y4: 23, 25  Y5: 23, 24, 26 | | | | Outcomes  Y4: 3, 6  Y5: 3, 5 | | Outcomes  Y4: 3, 6  Y5: 29, 31 | |

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| **Addition and Subtraction (B)** | | | | | | | | | | | **Multiplication and Division (B)** | | | | | | | |
| Unit 1 | | | Unit 2 | | Unit 3 | | Unit 4 | | | | Unit 1 | | | | Unit 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 4 | Day 1 | Day 2 | Day 3 | Day 4 |
| Subtraction strategies | | | Add and subtract near multiples | | Mental addition and subtraction | | Consolidate written addition / subtraction strategies | | | | Written methods – multiplication | | | | Written methods - division | | | |
| **MNU 2-03a** *Solve problems involving whole numbers using a range of methods, sharing my approaches and solutions with others*  **MNU 2-01a** *Use my knowledge of rounding to routinely estimate the answer to a problem*  **MTH 2-15a** *Apply knowledge of number facts to solve problems* | | | | | | | | | | | **MNU 2-03a** *Solve problems involving whole numbers using a range of methods, sharing my approaches and solutions with others*  **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 2-02a** *Explain the link between a digit, its place and its value* | | | |
| Outcomes  Y4: 12, 15  Y5: 9, 32 | | | Outcomes  Y4: 6,9,10  Y5: 5,7,8 | | Outcomes  Y4: 16  Y5: 7, 9 | | Outcomes  Y4: 6, 14, 16  Y5: 5, 7, 8, 9 | | | | Outcomes  Y4: 17, 19  Y5: 16, 21 | | | | Outcomes  Y4: 17, 20, 21  Y5: 18 | | | |

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| **Shape** | | | | |
| Unit 1 | | | Unit 2 | |
| Day 1 | Day 2 | Day 3 | Day 1 | Day 2 |
| Explore 2-D shape | | | Deepen understanding of 3-D shapes | |
| **MTH 2-16a** *Explore a range of 3-D objects and 2-D shapes; use mathematical language to describe their properties*  **MTH 2-16c** *Draw 2-D shapes and make representations of 3-D objects* | | | | |
| **MTH 2-19a** *Illustrate the lines of symmetry for a range of 2-D shapes* | | | **MTH 2-16b** *Show understanding of the relationship between 3-D objects and their nets* | |
| Outcomes  Y4: 39, 41  Y5: 48 | | | Outcomes  Y4: 39  Y5: 45 | |

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| **Decimals, Multiplication and Division** | | | | | | | | | | **Addition and Subtraction (A)** | | | |
| Unit 1 | | | Unit 2 | | Unit 3 | | | | | Unit 1 | | Unit 2 | |
| Day 1 | Day 2 | Day 3 | Day 1 | Day 2 | Day 1 | Day 2 | Day 3 | Day 4 | Day 5 | Day 1 | Day 2 | Day 1 | Day 2 |
| Decimal place value | | | x and ÷ by powers of 10 | | Mental x and ÷, factors and multiples | | | | | Column addition | | Count up to subtract | |
| **MNU 2-02a** *Explain the link between a digit, its place and its value*  **MNU 2-03b** *Explore the contexts in which problems involving decimal fractions occur and solve related problems using a variety of methods* | | | | | **MNU 2-05a** *Investigate and identify the multiples and factors of numbers.* | | | | | **MNU 2-03a** *Solve problems involving whole numbers using a range of methods, sharing my approaches and solutions with others*  **MNU 2-01a** *Use my knowledge of rounding to routinely estimate the answer to a problem*  **MTH 2-15a** *Apply knowledge of number facts to solve problems* | | | |
| **MNU 2-03a** *Solve problems involving whole numbers using a range of methods, sharing my approaches and solutions with others*  **MTH 2-15a** *Apply knowledge of number facts to solve problems* | | | | | | | | | |
| Outcomes  Y4: 26, 29  Y5: 19, 29 | | | Outcomes  Y4: 26, 29  Y5:19, 29, 30 | | Outcomes  Y4: 17, 18  Y5: 12, 14, 15, 21 | | | | | Outcomes  Y4: 11, 32, 36  Y5: 29, 31 | | Outcomes  Y4: 12, 32, 36  Y5: 32 | |



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| **Measures (A)** | | | | **Exploring Decimals** | | | | |
| Unit 1 | | | | Unit 1 | | | Unit 2 | |
| Day 1 | Day 2 | Day 3 | Day 4 | Day 1 | Day 2 | Day 3 | Day 1 | Day 2 |
| Exploring 24-hour time | | | | Round and subtract decimals | | | Fraction and decimal equivalence | |
| **MNU 2-10b** *Carry out practical tasks and investigations involving timed events*  **MNU 2-10a** *Use and interpret timetables and schedules* | | | | **MNU 2-07a** *Investigate contexts in which decimal fractions are used and carry out the necessary calculations to solve related problems* | | | | |
| **MNU 2-02a** *Explain the link between a digit, its place and its value* | | | **MNU 2-07b** *Show the equivalent forms of simple fractions and decimal fractions* | |
| Outcomes  Y4: 33, 37  Y5: 40, 43 | | | | Outcomes  Y4: 26, 28, 31, 32  Y5: 19, 29, 30, 32 | | | Outcomes  Y4: 23, 28  Y5: 27, 28, 33 | |

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| **Addition and Subtraction (B)** | | | | | | **Multiplication and Division** | | | | | | | |
| Unit 1 | | Unit 2 | | | | Unit 1 | | | Unit 2 | | Unit 3 | | |
| 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 |
| More column addition | | Subtraction strategies | | | | Multiplication strategies | | | Grid (Y4) and short (Y5) multiplication | | Chunking (Y4) and short (Y5) division | | |
| **MNU 2-03a** *Solve problems involving whole numbers using a range of methods, sharing my approaches and solutions with others*  **MNU 2-01a** *Use my knowledge of rounding to routinely estimate the answer to a problem*  **MTH 2-15a** *Apply knowledge of number facts to solve problems* | | | | | | **MNU 2-03a** *Solve problems involving whole numbers using a range of methods, sharing my approaches and solutions with others*  **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  Y4: 6, 11  Y5: 5, 7, 8 | | Outcomes  Y4: 12, 14, 15, 16  Y5: 5, 7, 9, 10 | | | | Outcomes  Y4: 17, 21  Y5: 12, 16 | | | Outcomes  Y4: 17,19  Y5: 16,21 | | Outcomes  Y4: 20, 21  Y5: 18, 21 | | |

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| **Measures (B)** | | | | | **Shape** | | | | | | | |
| Unit 1 | | | | | Unit 1 | | | Unit 2 | | | | |
| Day 1 | Day 2 | Day 3 | Day 4 | Day 5 | Day 1 | Day 2 | Day 3 | Day 1 | Day 2 | Day 3 | Day 4 | Day 5 |
| Perimeter, area and (Y5/P6) volume | | | | | Polygons and co-ordinates | | | Exploring angles | | | | |
| **MNU 2-11c** *Explain how different methods can be used to find the perimeter and area of a simple 2-D shape or volume of a simple 3-D object* | | | | | **MTH 2-16a** *Explore a range of 2-D shapes; use mathematical language to describe their properties* | | | | | | | |
| **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 using appropriate mathematical vocabulary.*  **MTH 2-17b** *Accurately measure and draw angles using appropriate equipment* | | | | |
| Outcomes  Y4: 34, 35  Y5: 37, 38, 39 | | | | | Outcomes  Y4: 42, 43  Y5: 49 | | | Outcomes  Y4: 39, 40, 41  Y5: 46, 47 | | | | |

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| **Number and Place Value** | | | | | | **Addition and Subtraction (A)** | | | | | | | |
| Unit 1 | | Unit 2 | | Unit 3 | | Unit 1 | | Unit 2 | | | Unit 3 | | |
| Day 1 | Day 2 | Day 1 | Day 2 | Day 1 | Day 2 | Day 1 | Day 2 | Day 1 | Day 2 | Day 3 | Day 1 | Day 2 | Day 3 |
| Place value next steps: larger numbers | | Count in steps; Roman numerals | | Negative numbers; temperature | | Column addition; money calculation | | Subtraction strategies | | | More subtraction strategies | | |
| **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* | | **MTH 2-13a** *Explore number sequences* | | **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 my approaches and solutions with others*  **MNU 2-01a** *Use my knowledge of rounding to routinely estimate the answer to a problem*  **MTH 2-15a** *Apply knowledge of number facts to solve problems* | | | | | | | |
| Outcomes  Y4: 1, 2  Y5: 1, 2, 3 | | Outcomes  Y4: 4, 8  Y5: 5, 6 | | Outcomes  Y4: 5  Y5: 4, 41 | | Outcomes  Y4: 11,15,32,36  Y5: 5, 8, 29, 32 | | Outcomes  Y4: 14, 15  Y5: 32, 33 | | | Outcomes  Y4: 14, 15  Y5: 5, 7 | | |



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| **Fractions** | | | | | | | | **Multiplication and Division (A)** | | | | |
| Unit 1 | | | Unit 2 | | Unit 3 | | | Unit 1 | | Unit 2 | | |
| Day 1 | Day 2 | Day 3 | Day 1 | Day 2 | Day 1 | Day 2 | Day 3 | Day 1 | Day 2 | Day 1 | Day 2 | Day 3 |
| Fraction problems | | | Equivalent fractions; calculation | | Count fractions steps; multiply fractions | | | Strategies for mental calculation | | Scaling problems | | |
| **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* | | | | | | | | **MNU 2-03a** *Solve problems involving whole numbers using a range of methods, sharing my approaches and solutions with others*  **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* | | | | |
|  | | **MTH 2-17d** *Investigate where, why and how scale is used and expressed* | | |
| Outcomes  Y4: 23, 24, 28, 32  Y5: 21, 23, 24, 33 | | | Outcomes  Y4: 23, 25  Y5: 23, 25, 26 | | Outcomes  Y4: 23  Y5: 21, 25, 33 | | | Outcomes  Y4: 17, 18  Y5: 12, 14, 15, 21 | | Outcomes  Y4: 18, 21, 22  Y5: 14, 17, 20, 21 | | |

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| **Decimals and Fractions** | | | | | **Exploring Measures** | | | | |
| Unit 1 | | Unit 2 | | | Unit 1 | | Unit 2 | | |
| Day 1 | Day 2 | Day 1 | Day 2 | Day 3 | Day 1 | Day 2 | Day 1 | Day 2 | Day 3 |
| Decimal place value; multiply fractions | | Equivalent fractions and decimals | | | Convert measures; count through zero | | SI and imperial measures | | |
| **MNU 2-07b** *Extend the range of whole numbers and explore how decimal fractions are constructed; explain the link between a digit, its place and its value* **(P5)** | | **MNU 2-07b** *Extend the range of whole numbers and explore how decimal fractions are constructed; explain the link between a digit, its place and its value*  **MNU 2-07b** *Show the equivalent forms of simple fractions and decimal fractions* | | | **MNU 2-11a** *Use knowledge of the sizes of familiar objects to assist when making an estimate of measure*  **MNU 2-11b** *Use the common units of measure, convert between related units of the metric system and carry out calculations when solving problems* **(P5)** | | **MNU 2-11a** *Use knowledge of the sizes of familiar objects to assist when making an estimate of measure*  **MNU 2-11b** *Use the common units of measure, convert between related units of the metric system and carry out calculations when solving problems* | | |
| **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* **(P6)** | |
| **MNU 2-04a** *Extend the number line to include numbers less than zero and how these are used* **(P6)** | |
| Outcomes  Y4: 26, 27, 28, 29  Y5: 21, 27, 28, 33 | | Outcomes  Y4: 28, 31  Y5: 19, 29 | | | Outcomes  Y4: 33, 36  Y5: 4 | | Outcomes  Y4: 33, 36, 38  Y5: 35, 36, 44 | | |

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| **Exploring Decimals** | | | | | **Addition & Subtraction (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 1 | Day 2 | Day 1 | Day 2 | Day 3 |
| Decimal place value | | Hundredths and percentages | | | Choose calculation strategies | | Consolidate column calculation | | Problem solving | | |
| **MNU 2-07b** *Extend the range of whole numbers and 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 2-07a** *Investigate the everyday contexts in which simple fractions, percentages or decimal fractions are used and carry out the necessary calculations to solve related problems*  **MNU 2-07b** *Show the equivalent forms of simple fractions, decimal fraction sand percentages* | | | **MNU 2-03a** *Solve problems involving whole numbers using a range of methods, sharing my approaches and solutions with others*  **MNU 2-01a** *Use my knowledge of rounding to routinely estimate the answer to a problem*  **MTH 2-15a** *Apply knowledge of number facts to solve problems* | | | | | | |
| Outcomes  Y4: 28, 30, 31  Y5: 29, 31 | | Outcomes  Y4: 26, 28, 31  Y5: 28, 33 | | | Outcomes  Y4: 12, 13, 14  Y5: 29, 32 | | Outcomes  Y4: 11, 14, 15  Y5: 8, 10 | | Outcomes  Y4: 11, 14, 15  Y5: 9, 10 | | |

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| **Multiplication and Division (B)** | | | | | | | | **Time and Data** | | | | | |
| Unit 1 | | Unit 2 | | | | Unit 3 | | Unit 1 | | Unit 2 | | | |
| Day 1 | Day 2 | Day 1 | Day 2 | Day 3 | | Day 1 | Day 2 | Day 1 | Day 2 | Day 1 | Day 2 | Day 3 | Day4 |
| Division strategies | | Multiplication strategies | | | | Solve problems | | Time, data recording & line graphs | | Time, rate & line graphs | | | |
| **MNU 2-03a** *Solve problems involving whole numbers using a range of methods, sharing my approaches and solutions with others*  **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 2-10b** *Carry out practical tasks and investigations involving timed events*  **MNU 2-10a** *Use and interpret timetables and schedules*  **MNU 2-20b** *Devise and use methods to gather information*  **MNU 2-21a** *Display data in a clear way* | | | | | |
| Outcomes  Y4: 17, 20  Y5: 12, 18 | | Outcomes  Y4: 18, 19, 21  Y5: 12, 16, 21 | | | Outcomes  Y4: 16, 18, 21  Y5: 16, 21 | | | Outcomes  Y4: 37, 38  Y5: 44 | | Outcomes  Y4: 33, 38  Y5: 44 | | | |