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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 | |
| 1a *Use a range of representations to develop and secure understanding of place value*  1b *Apply understanding of number value to round and approximate* | | | | | 1f *Use + / - confidently, efficiently and accurately with integers* | | | | | | | | *1f Use the four arithmetic operations with decimals* | | | | | | *1b Use a range of representations to extend understanding of the number system to decimals; place decimals on a number line* | | | | |
| Outcome: 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 | Day 2 | Day 1 | Day 2 | Day 3 | Day 1 | Day 2 | Day 3 | Day 4 | Day 1 | Day 2 | Day 3 | Day 4 | Day 1 | Day 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 | |
| 2a *Explore and create patterns; explain sequences in words and by generalising them*  2d *Use expressions and equations to represent unknown values, adopting the conventions of algebra; Use inverse operations to find unknown values* | | | | | | | | 1f  *Use × / ÷ confidently, efficiently and accurately with integers*  1h *Recall and use multiplication facts up to at least 10 x 10* | | | | | | | | | | | | | | |
|  | | 2b *Use commutativity, distributivity and associativity to explore equality and inequality of expressions.* | | | 2c *Demonstrate an understanding of the idea of input, application of a rule (including inverse operations)* | | | 1i *Explore properties of number* | | 1b *Apply understanding of number value to round and approximate appropriately*  1e V*erify calculations and statements about number by inverse reasoning and approximation methods* | | | | | | | | | | | | |
| 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 | |
| 1b *Use a range of representations to extend understanding of the number system to fractions; place fractions on a number line*  1c *Use knowledge of fractions, e.g. to compare and convert* | | | | | | | 3d *Consolidate understanding of 2-D shapes* | | 3h *Use co-ordinates to solve problems involving position, length and shape* | | | 3d *Consolidate understanding of 2-D shapes.*  *3i Understand angle as a measure of rotation and recognise, name and describe types of angles* | | | 3f *Relate a 3-D shape to its 2-D nets* | |
| Outcomes: 37 | | | | Outcomes: 33, 37 | | | Outcomes: 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 calc. | | Use brackets and order of operations | | | |
| 1a *Use a range of representations to secure understanding of place value*  1b *Apply understanding of number value to round and approximate* | | | | 1b *Extend understanding of the number system to negative values* | | 1f *Use + / - confidently, efficiently and accurately with integers* | | | | | |
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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 | | | |
| 1b *Use a range of representations to extend understanding of the number system to include decimals; apply understanding of number value to round and approximate*  1f *Use the four arithmetic operations confidently, efficiently and accurately with decimals* | | | | | | | 3c *Convert between standard units, inc. applying my understanding of place value to convert between metric units* | | | | 3a *Read analogue and digital clocks accurately and perform calculations involving time* | | 4b *Represent information by creating a variety of appropriate charts of increasing complexity*  4d *Find and use the mean of a simple set of data* | | | |
| 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 | | |
| 1g *Extend understanding of multiplicative reasoning to include the application of proportion and scale* | | | | | 1c *Understand that non-integer quantities can be represented using fractions (including fractions greater than 1), decimals and percentages; use knowledge of equivalence to compare the size of simple fractions and convert between representations*  1d *Use a fraction as an operator* | | | | | | | 1g *Extend understanding of multiplicative reasoning to include the concept and application of ratio and proportion* | | |
| 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 | | |
| *3g Use efficient methods for finding the perimeter and area of two-dimensional shapes; understand how basic formulae are derived* | | | | | 1f *Use × / ÷ confidently, efficiently and accurately with integers*  1e *Verify calculations and statements about number by inverse reasoning and approximation methods* | | | | | | | | |
| 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 | |
| 1a *Use a range of representations to develop and secure understanding of place value*  1b *Extend understanding of the number system to negative values* | | | 1f *Use+ / - / × / ÷ confidently, efficiently and accurately with integers*  1e *Verify calculations and statements about number by inverse reasoning and approximation methods* | | | | | | 1g *Extend understanding of multiplicative reasoning to include the application of ratio, proportion and scale* | | 1c *Understand that non-integer quantities can be represented using fractions (including fractions greater than 1), decimals and percentages; use knowledge of equivalence to compare the size of simple fractions and convert between representations*  1d *Use a fraction as an operator* | | | |
| 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 | |
| *3g Use efficient methods for finding the perimeter and area of two-dimensional shapes; understand how basic formulae are derived* | | 3d *Consolidate understanding of 2-D shapes*  3f *Relate a 3-D shape to its 2-D nets*  3h *Use co-ordinates to solve problems involving position, length and shape*  *3i Understand angle as a measure of rotation and recognise, name and describe types of angles* | | | 4b *Represent information by creating a variety of appropriate charts of increasing complexity*  4d *Find and use the mean of a simple set of data* | | | 2a *Explore and create patterns; explain sequences in words and by generalising them*  2d *Use expressions and equations to represent unknown values, adopting the conventions of algebra; Use inverse operations to find unknown values* | | 1f *Use+ / - / × / ÷ confidently, efficiently and accurately with integers*  1e *Verify calculations and statements about number by inverse reasoning and approximation methods* | |
| 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 | |
| 1a *Read, record and interpret numbers, using figures and words up to at least one million* | | 2a *Explore and create patterns of numbers and shapes; explain numerical sequences and spatial patterns in words and by generalising them* | | | | | | | | 3b *Estimate and measure length, capacity, mass, using appropriate standard units* | | | | | 3d *Consolidate understanding of 2-D shapes*  *3i Understand angle as a measure of rotation and recognise, name and describe types of angles* | | | 1g *Extend understanding of multiplicative reasoning to include the application of ratio and proportion* | |
|  | | | 1e *Verify calculations and statements about number by inverse reasoning and approximation methods* | | | | |
| 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 | |
| 1c *Convert between fractions and decimals*  2d *Model problems; use inverse operations to find unknown values* | | | | | 2*a* *Explore and create patterns of numbers and shapes; explain numerical sequences and spatial patterns in words and by generalising them* | | | | |
| Outcomes: 18, 19, 20, 24, 55 | | | | | Outcomes: 37, 38, 55 | | | Outcomes: 11, 16, 17, 53, 55 | |