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| Place Value (A) | Addition and Subtraction (A) |
| Unit 1 | Unit 2 | Unit 3 | Unit 1 | Unit 2 | Unit 3 | Unit 4 |
| Day 1 | Day 2 | Day 1 | Day 2 | Day 3 | Day 1 | Day 2 | Day 3 | Day 1 | Day 2 | Day 3 | Day 1 | Day 2 | Day 3 | Day 1 | Day 2 | Day 1 | Day 2 | Day 3 |
| Place 3- and 4-digit numbers on a line | Place value in 4-digit numbers | Place value additions: 4-digit numbers | Partitioning and column addition | Mental subtraction incl. counting up | Mental addition and subtraction | Subtraction: ‘Frog’ with 3-digit numbers |
| 1a *Understand place value* | 1b *Apply understanding of number value*1f *Use + / - confidently, efficiently and accurately with integers* | 1f  *Use + / - confidently, efficiently and accurately with integers* |
| 1b *Accurately place integers on a number line* |  | *1a Understand place value* | 2d *Use inverse operations*  | *1a Understand place value* | 2d *Use inverse operations*  |
| Outcomes: 1 | Outcomes: 3 | Outcomes: 3, 4, 6 | Outcomes: 9, 11 | Outcomes: 10, 12, 16 | Outcomes: 6, 10, 16 | Outcomes: 12, 15 |

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| Measures and Data | Place Value (B) |
| Unit 1 | Unit 2 | Unit 3 | Unit 4 | Unit 5 | Unit 1 | Unit 2 | Unit 3 |
| Day 1 | Day 2 | Day 3 | Day 1 | Day 2 | Day 3 | Day 1 | Day 2 | Day 1 | Day 2 | Day 1 | Day 2 | Day 3 | Day 1 | Day 2 | Day 1 | Day 2 | Day 3 | Day 1 | Day 2 |
| Tell time to nearest minute: am/pm | Calculate time intervals; 24 hour clock | Units of time, record data and interpret | 24 hour clock; time intervals | Units of time; draw line graphs | Deepen understanding of place value | Add/subtract powers of 10, nos > 1000 | Use place value in calculations |
| 3a *Read analogue and digital clocks accurately and make interpretations and perform calculations involving time.* | 1a *Develop and secure understanding that the value of a digit is related to its position*1f *Use + / - confidently, efficiently and accurately with integers* |
|  | 4b *Draw bar graphs* |  | 4b *Represent information in line graphs* |  |
| Outcomes: 37 | Outcomes: 33, 37 | Outcomes: 37, 38 | Outcomes: 33, 37 | Outcomes: 33, 38 | Outcomes: 3, 6 | Outcomes:1, 6 |

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| Addition and Subtraction (B) | 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 1 | Day 2 | Day 3 | Day 4 | Day 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 |
| Mentally add / subtract near multiples | +/- 1-digit numbers to/from big numbers | Written subtraction | Double and halve 2- and 3-digit nos | Multiplication and division facts | Grid multiplication using tables facts | Division using efficient chunking | Larger divisions with remainders |
| 1f *Use + / - confidently, efficiently and accurately with integers* | 1f  *Use × / ÷ confidently, efficiently and accurately with integers* |
| *1a Understand place value* |  | 1a *Understand place value* | 1h *Recall multiplication facts* | 1h *Use multiplication facts to derive related facts* |  |
| Outcomes: 6, 9, 10 | Outcomes: 6, 9 | Outcomes: 6, 14 | Outcomes: 18, 21 | Outcomes: 17, 18 | Outcomes: 17, 19 | Outcomes: 17, 20 | Outcomes: 20, 21 |

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| Fractions  | Multiplication and Division (A) |
| Unit 1 | Unit 2 | Unit 1 | Unit 2 |
| Day 1 | Day 2 | Day 3 | Day 1 | Day 2 | Day 3 | Day 1 | Day 2 | Day 3 | Day 1 | Day 2 | Day 3 |
| Unit and non-unit fractions of amounts | Equivalent fractions; simplest form; +/- | Times tables: x/÷ facts | Times tables revision: factors and multiples |
| 1b *Extend understanding of the number system to include fractions* | 1f *Use × / ÷ confidently, efficiently and accurately with integers*1h *Recall multiplication facts* |
| 1d *Use a fraction as an operator* | 1c *Use knowledge of fractions, e.g. to compare and convert* |  | 1i *Discuss properties of numbers including factors and multiples* |
| Outcomes: 24 | Outcomes: 23, 25 | Outcomes 17, 18 | Outcomes 17, 18 |

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| Shape (A) | Decimals and Fractions |
| Unit 1 | Unit 2 | Unit 3 | 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 | Day 3 | Day 1 | Day 2 | Day 3 | Day 1 | Day 2 | Day 1 | Day 2 |
| Draw circles, study polygons, e.g. triangles | Identify and explore 3-D shapes | Co-ordinates: draw polygons | Introduction to one place decimals | Consolidate one-place decimal numbers | Rehearse equivalence: fracts/decimals | Decimals: x/÷ by 10/100; +/- 0.1 |
| 3d *Explore and consolidate understanding of the properties of two-dimensional shapes* | 3e *Explore vertices, edges and faces of 3-D shapes.* | 3h *Develop an understanding of the ways in which co-ordinates are used to solve problems* | 1a *Understand that the value of a digit is related to its position*1b *Extend understanding of the number system to include decimals and fractions* |
|  | 1c *Convert between representations* | 1f *Use x/÷ efficiently with decimals* |
| Outcomes: 39 | Outcomes: 39 | Outcomes: 42, 43 | Outcomes: 26, 29 | Outcomes: 26, 28, 31, 32 | Outcomes: 23, 28 | Outcomes: 26, 29 |

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| Addition and Subtraction |  Multiplication and Division (B)  |
| Unit 1 | Unit 2 | Unit 3 | Unit 4 | Unit 1 | Unit 2 | Unit 3 |
| Day 1 | Day 2 | 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 3 | Day 1 | Day 2 |
| Adding money using column addition | Count up to find change & differences | Column addition: 3 or more 2-digit nos | Subtraction strategies; written methods | Multiply multiples of 10 and 100 | Grid multiplication: vertical layout | Division: chunking with remainders |
| 1f  *Use + / - confidently, efficiently and accurately with integers*1a *Understand place value*1e *Verify calculations and statements about number by inverse reasoning and approximation methods* | 1f *Use × / ÷ confidently, efficiently and accurately with integers*1h *Recall multiplication facts* |
| 1a *Understand place value* | 1e *Verify calculations and statements about number by inverse reasoning and approximation methods* |
| Outcomes: 11,32,36 | Outcomes: 12,32,36 | Outcomes: 6, 11 | Outcomes: 12, 14, 15, 16 | Outcomes: 17, 21 | Outcomes: 17, 19 | Outcomes: 20, 21 |

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| Shape (B) |
| Unit 1 | Unit 2 |
| Day 1 | Day 2 | Day 1 | Day 2 | Day 3 | Day 4 |
| Line of symmetry: identify and construct | Angle types; properties of polygons |
| 3d *Explore understanding of the properties of 2-D shapes to include symmetry.* | 3j *Demonstrate understanding of angle as a measure of rotation and recognise, name and describe types of angles* |
| Outcomes: 41 | Outcomes: 39, 40 |

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| Place Value  | Addition and Subtraction (A) |
| 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 1 | Day 2 | Day 3 | Day 1 | Day 2 | Day 3 |
| Place and round 4-digit numbers on lines | Negative numbers in temperature | Count in 25s/1000s; Roman numerals | Column addition, including money | Expanded and compact column subtraction | Column subtraction, 3- and 4-digit numbers |
| 1a *Understand place value* | 1b *Extend understanding of the number system to include negative values* | 2a *Explore and create patterns of numbers; explain numerical sequences*  | 1f  *Use + / - confidently, efficiently and accurately with integers*1a *Understand place value*1e *Verify calculations and statements about number by inverse reasoning and approximation methods* |
| Outcomes: 1, 2 | Outcomes: 5 | Outcomes: 4, 8 | Outcomes: 11, 15, 32, 36 | Outcomes: 14, 15 | Outcomes: 14, 15 |

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| Measures and Data (A) | Decimals and Fractions (A) |
| Unit 1 | 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 1 | Day 2 | Day 1 | Day 2 |
| Measure in m, cm, mm; convert units | Use SI units; bar charts | Introduction: 1- and 2-place decimals | Decimal/fraction equivalents, 10/100ths | Compare, order 2-place decimal numbers |
| *3b Estimate and measure using appropriate standard units* | 1a *Understand that the value of a digit is related to its position*1b *Extend understanding of the number system to include decimals and fractions* |
| 3c *Apply understanding of place value to convert between metric units* | 4b *Represent information by creating a variety of appropriate charts*  |  | 1c *Convert between representations* |  |
| Outcomes: 33, 36 | Outcomes: 33, 36, 38 | Outcomes: 26, 27, 28, 29 | Outcomes: 28, 31 | Outcomes:28, 30, 31 |

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| Multiplication and Division  | Measures and Data (B) |
| Unit 1 | Unit 2 | Unit 3 | Unit 4 | Unit 5 | Unit 1 | Unit 2 |
| Day 1 | Day 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 1 | Day 2 | Day 3 |
| Factors, multiples, mental multiplication | Scaling and correspondence problems | Efficient chunking with remainders | Multiplication problems, formal methods | Revise problems: all four operations | Find the area of rectilinear shapes | Perimeters of rectilinear shapes; area |
| 1f  *Use × / ÷ confidently, efficiently and accurately with integers**1h Recall multiplication facts* | 3g *Use efficient methods for finding the perimeter and area of 2-D shapes, understanding how basic formulae are derived* |
| 1i *Discuss properties of numbers including factors and multiples* | 1g *Extended understanding of multiplicative reasoning to include the concept of scale* | 1e *Verify calculations and statements about number by inverse reasoning and approximation methods* |
| Outcomes: 17, 18 | Outcomes: 18, 21, 22 | Outcomes: 20 | Outcomes: 18, 19, 21 | Outcomes:11,14,16,1821 | Outcomes: 35 | Outcomes: 34, 35 |

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| Addition and Subtraction (B) |  Decimals and Fractions (B)  |
| Unit 1 | Unit 2 | Unit 3 | Unit 1 | Unit 2 |
| Day 1 | Day 2 | Day 1 | Day 2 | Day 1 | Day 2 | Day 3 | Day 1 | Day 2 | Day 3 | Day 1 | Day 2 | Day 3 |
| Appropriate strategies to add/subtract | Column add/subt with 3- and 4-digit numbers | Choose methods for add/subt problems | Add/subt 0.1s & 0.01s; measures problems | Equivalent fractions; fraction problems |
| 1f  *Use + / - confidently, efficiently and accurately with integers*1a *Understand place value*1e *Verify calculations and statements about number by inverse reasoning and approximation methods* | 1b *Extend understanding of the number system to include decimals and fractions* |
| 1f *Use +/- efficiently with decimals* | 1c *Use knowledge of fractions, e.g. to compare and convert* |
| Outcomes: 12, 13, 14 | Outcomes: 11, 14, 15 | Outcomes: 11, 14, 15 | Outcomes: 26, 28, 31 | Outcomes: 23, 24, 28, 32 |