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| Place Value  | Decimals and Fractions (A) |
| Unit 1 | Unit 2 | Unit 3 | Unit 4 | 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 1 | Day 2 | Day 1 | Day 2 | Day 1 | Day 2 | Day 1 | Day 2 | Day 3 |
| Place value in 5-digit numbers | Place 5-digit numbers on a line; round | Place 6-digit numbers on a line; round | Deepen understanding of 6-digit numbers | Divide by 10/100; 2-place decimals | 1- & 2-place decimals on a line; compare | Add/subtract multiples of 0.1/0.01 | Subtract decimals with 1 or 2 places |
| 1a *Use a range of representations to develop and secure understanding of place value; read, record and interpret numbers* | 1b  *Use a range of representations to extend understanding of the number system to decimals; place decimals on a number line* |
| *2c Understand the idea of input and output* |  | 1f *Use the four arithmetic operations with decimals* |
|  | 1b *Accurately place integers, on a number line; apply understanding of number value to round and approximate*  | 1f *Use + / - confidently with integers* |
| Outcomes: 1, 3, 5 | Outcomes: 1,2 | Outcomes: 1, 2, 3 | Outcomes: 3, 5 | Outcomes: 19, 29 | 19, 29, 30 | Outcomes: 29, 31 | Outcomes: 32 |

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| Addition and Subtraction  | Decimals and Fractions (B) |
| Unit 1 | Unit 2 | Unit 3 | Unit 4 | Unit 1 | Unit 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 | Day 3 | Day 1 | Day 2 | Day 3 | Day 4 | Day 5 |
| Column addition  | Decimal and money calculation | Column subtraction; choose a strategy | Revise addition and subtraction | Mixed numbers and fractions of amounts | Fractions: equivalents, simplify, add, subtract |
| 1f *Use + / - confidently, efficiently and accurately with integers and decimals*1e V*erify calculations and statements about number by inverse reasoning and approximation methods* | 1b *Use a range of representations to extend understanding of the number system to include fractions; place fractions on a number line*1c *Use knowledge of fractions, e.g. to compare and convert* |
| 1d *Use* *a fraction as an operator* |  |
| Outcomes:8, 10 | Outcomes: 7, 10, 31, 32 | Outcomes: 9, 10 | Outcomes: 5, 7, 8, 9 | Outcomes: 25, 33 | Outcomes: 23, 24, 26 |

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| Multiplication and Division | Measures and Data |
| Unit 1 | Unit 2 | Unit 3 | Unit 4 | Unit 1 | Unit 2 | Unit 3 | Unit 4 | Unit 5 |
| 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 3 | Day 1 | Day 2 | Day 1 | Day 2 | Day 1 | Day 2 | Day 3 | Day 1 | Day 2 |
| Multiples, factors and word problems | Primes, divisibility, mental strategies | Grid method and short multiplication | Division of big numbers: vertical layout | Understand metric and imperial units | Timetables and intervals: 24 hour clock | Perimeters: composite and rectilinear | Regular and irregular areas; volumes | Temperature and negative numbers |
| 1h *Recall and use multiplication facts up to at least 10 x 10* | 3b *Estimate and measure length, capacity, mass, using appropriate standard units**3c Convert between standard units* | 3a *Read clocks accurately; perform calculations involving time* | 3g *Find the perimeter and area of**2-D shapes, understanding how basic formulae are derived* | 3b *Estimate and measure temperature**1b Extend number system to negative numbers* |
| 1i *Explore multiplicative relationships and properties of number, including factors, multiples, prime and square numbers* | 1f *Use × / ÷ confidently, efficiently and accurately with integers*1e *Verify calculations and statements about number by inverse reasoning and approximation methods* |
| Outcomes:12, 15, 21 | Outcomes:12, 13, 15 | Outcomes: 12, 16, 21 | Outcomes: 12, 18 | Outcomes: 35, 36 | Outcomes:40, 43 | Outcomes: 37 | Outcomes: 38, 39 | Outcomes:4, 41 |

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| Decimals and Fractions (A)  | Addition and Subtraction |
| Unit 1 | Unit 2 | Unit 3 | Unit 4 | 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 1 | Day 2 | Day 3 | Day 1 | Day 2 | Day 3 | Day 4 | Day 1 | Day 2 | Day 3 |
| Place value in decimals; rounding | Column addition; 2-place decimals | Subtract decimal numbers, e.g. money | x/÷ by 10, 100, 1000; rounding decimals | Mental and written addition/subtraction | Column subtraction and word problems | Mental addition & subtraction strategies |
| 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 + / - confidently, efficiently and accurately with integers*1e V*erify calculations and statements about number by inverse reasoning and approximation methods* |
|  | 1f *Use the four arithmetic operations confidently, efficiently and accurately with decimals* |
| Outcomes:19, 29, 30 | Outcomes: 29, 31 | Outcomes: 32 | Outcomes:19, 29, 30 | Outcomes: 5, 7, 8 | Outcomes: 9, 10 | Outcomes: 5, 7, 8 |

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| Shape (A)  | Decimals and Fractions (B) |
| 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 1 | Day 2 | Day 3 | Day 1 | Day 2 | Day 3 | Day 4 | Day 1 | Day 2 | Day 3 |
| Deepen understanding of 3-D shapes | Properties of polygons; quadrilaterals | Draw/reflect shapes on co-ordinate grids | Subtraction with decimals, e.g. money | Unit and non-unit fraction problems | Multiply fractions; decimal equivalences |
| 3e *Explore vertices, edges and faces of 3-D shapes and use these characteristics to describe a 3-D shape.* | 3d *Explore and consolidate understanding of the properties of 2-D shapes to include the number of sides and symmetry*3i *Demonstrate understanding of angle as a measure of rotation and recognise, name and describe types of angles.* | 3d *Explore and consolidate understanding of the properties of 2-D shapes to include the number of sides and symmetry*3h *Develop understanding of the ways in which co-ordinates are used to solve problems*  | 1f *Use the four arithmetic operations confidently, efficiently and accurately with decimals* | 1d *Use a fraction as an operator* | 1b *Use a range of representations to extend understanding of the number system to include decimals and fractions**1c Convert between representations* |
| Outcomes: 4 5 | Outcomes: 48 | Outcomes: 49 | Outcomes: 32, 33 | Outcomes: 21, 23, 24, 33 | Outcomes: 21, 27, 28, 33 |

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| Multiplication and Division | Shape (B) |
| Unit 1 | Unit 2 | Unit 3 | Unit 1 | Unit 2 |
| Day 1 | Day 2 | Day 3 | Day 1 | Day 2 | Day 3 | Day 1 | Day 2 | Day 3 | Day 4 | Day 1 | Day 2 | Day 1 | Day 2 | Day 3 |
| Multiples & factors; mental x/÷ strategies | Short multiplication: 4-digit numbers & money | Short division with 3- & 4-digit numbers | Recognise, measure and draw angles | Angle theorems; draw angles in polygons |
| 1h *Recall and use multiplication facts up to at least 10 x 10*1i *Explore multiplicative relationships and properties of number, including factors, multiples, prime and square numbers* | 1f *Use × / ÷ confidently, efficiently and accurately with integers*1e *Verify calculations and statements about number by inverse reasoning and approximation methods* | 3d *Explore and consolidate understanding of the properties of 2-D shapes to include the number of sides and symmetry*3i *Demonstrate understanding of angle as a measure of rotation and recognise, name and describe types of angles.* |
| Outcomes: 12, 14, 15, 21 | Outcomes: 16, 21 | Outcomes: 18, 21 | Outcomes: 47 | Outcomes: 46, 47 |

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| Place Value  | Decimals and Fractions  |
| 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 1 | Day 2 | Day 3 | Day 1 | Day 2 | Day 1 | Day 2 | Day 3 |
| Negative numbers; count through zero | Place value in 6-digit numbers | Identify and write Roman numerals | Place value in 3-place decimals | Compare and use 3-place decimals | Subtract decimal numbers by counting up |
| 1b *Use a range of representations to extend understanding of the number system to include negative values* | 1a *Use a range of representations to develop and secure understanding of place value; read, record and interpret numbers* | 2a *Explore and create patterns of numbers*  | 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* |
| Outcomes: 4 | Outcomes: 1, 2, 3 | Outcomes: 5, 6 | Outcomes: 19, 29 | Outcomes: 29, 31 | Outcomes: 29, 32 |

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| Multiplication and Division (A) | Addition and Subtraction |
| Unit 1 | Unit 2 | Unit 3 | Unit 1 | Unit 2 | Unit 3 |
| Day 1 | Day 2 | Day 3 | Day 1 | Day 2 | Day 3 | Day 1 | Day 2 | Day 3 | Day 4 | Day 5 | Day 1 | Day 2 | Day 3 | Day 1 | Day 2 | Day 3 | Day 1 | Day 2 | Day 3 |
| Mental multiplication / division problems | Problems with multiples, factors, scaling | Grid, short and long multiplications | Mental add/subtraction strategies revision | Column add, whole/decimal numbers & money | Choose subtraction method: column/counting up |
| 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 proportion and scale*1i *Explore multiplicative relationships and properties of number, including factors and multiples* | 1f *Use × / ÷ confidently, efficiently and accurately with integers*1e *Verify calculations and statements about number by inverse reasoning and approximation methods* | 1f *Use + / - confidently, efficiently and accurately with integers*1e V*erify calculations and statements about number by inverse reasoning and approximation methods* |
| Outcomes: 12, 14, 15, 21 | Outcomes: 14, 17, 20, 21 | Outcomes: 12, 16, 21 | Outcomes: 5, 7 | Outcomes: 8, 10, 35 | Outcomes: 9, 10 |

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| Measures and Data | Fractions and Percentages |
| Unit 1 | Unit 2 | Unit 3 | Unit 1 | Unit 2 | Unit 3 |
| Day 1 | Day 2 | Day 3 | Day 4 | 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 |
| 24-hr timetables; calculate time intervals | Draw line and conversion graphs | Concept of rate; line graphs | Begin to understand percentages | Add/subtract fractions with related denominators | Multiply fractions by whole numbers |
| 3a *Read analogue and digital clocks accurately and make interpretations and perform calculations involving time.*3b *Estimate and measure time, using appropriate standard units.* | *4a Collect different types of data to answer a variety of questions that have been posed**4b Represent information by creating a variety of appropriate charts of increasing complexity**4c Use different scales to extract and interpret information from a range of diagrams, tables and graphs.* | 1c *Demonstrate understanding 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: 40, 43 | Outcomes: 44 | Outcomes: 28, 33 | Outcomes: 23, 25, 26 | Outcomes: 21, 25, 33 |

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| Multiplication and Division (B) |
| Unit 1 | Unit 2 |
| Day 1 | Day 2 | Day 3 | Day 1 | Day 2 | Day 3 |
| Division problems with short division | Solve long multiplication problems |
| 1f *Use × / ÷ confidently, efficiently and accurately with integers*1e *Verify calculations and statements about number by inverse reasoning and approximation methods* |
| Outcomes: 12, 18 | Outcomes:12, 16, 21 |