| YEAR 6 | BLOCK | UNIT TITLE | COMPLETED | NOTES |
| --- | --- | --- | --- | --- |
| AUTUMN TERM | Place value,  Addition  and  Subtraction | 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 |  |  |
| Decimals  and  Fractions | Add or subtract decimals |  |  |
| Subtract 1-and 2- place decimals |  |  |
| Understand decimals w/ 3 places |  |  |
| Add/subtract multiples of 0.01/0/001 |  |  |
| Decimals, fractions: compare, order |  |  |
| Equivalent fractions: add and subtract |  |  |
| Shape | 2-D shapes (circles and quadrilaterals) |  |  |
| Draw, translate, reflect polygons |  |  |
| Draw 2-D shapes: find missing angles |  |  |
| Construct 3-D shapes using nets |  |  |
| Multiplication and  Division | Multiples, factors and prime numbers |  |  |
| Solve short multiplication problems |  |  |
| Use short division to solve problems |  |  |
| Long multiplication problems |  |  |
| Formal and mental calculation strategies |  |  |
| Algebra | Generate and use simple formulae |  |  |
| Solve equations w/ 2 unknowns |  |  |
| Generate and continue linear sequences |  |  |
| Place Value,  Addition  and Subtraction | Add, subtract & round 6-/7-digit numbers |  |  |
| Understand/calculate negative numbers |  |  |
| Strategies in mental and written calculation |  |  |
| Brackets and order of operations |  |  |

| YEAR 6 | BLOCK | UNIT TITLE | COMPLETED | NOTES |
| --- | --- | --- | --- | --- |
| SPRING TERM | Decimals  and  Fractions | Place value in 3-place decimals |  |  |
| Add numbers with up to 3 decimal places |  |  |
| Multiply/divide 2-place decimal numbers |  |  |
| Percentages and fractions of amounts |  |  |
| Multiply and divide fractions |  |  |
| Ratios, proportion and percentages |  |  |
| Multiplication and  Division | Scale factor problems concerning area |  |  |
| Solve rate and scaling problems |  |  |
| Long division; different remainder forms |  |  |
| Use short/long multiplication in problems |  |  |
| Use short/long division in problems |  |  |
| Measures  and  Data | Conversion: metric/imperial units; line graphs |  |  |
| Time intervals, timetables, 24-hour clock |  |  |
| Pie-charts; find the mean of a data set |  |  |
| Calculate areas of different shapes |  |  |
| Calculate volumes of cubes/cuboids |  |  |
| Revision | Understand decimals, including negatives |  |  |
| Add/subt whole numbers; solve problems |  |  |
| Mental strategies; written multiplication |  |  |
| Mental multiplication & division; ratio |  |  |
| Fractions, decimals and percentages |  |  |
| Understanding and calculating fractions |  |  |

| YEAR 6 | BLOCK | UNIT TITLE | COMPLETED | NOTES |
| --- | --- | --- | --- | --- |
| SUMMER TERM | More Revision | Areas, perimeters and volume |  |  |
| Shapes, angles, reflections, translations |  |  |
| Bar charts, pie charts, line graphs, means |  |  |
| Algebra: unknowns and linear sequences |  |  |
| Problem solving |  |  |
| Maths  around  us | Measuring ourselves and around us |  |  |
| Tesselation & other shape patterns |  |  |
| Ratios in nature and art |  |  |
| Exploration  in  maths | Explore a million |  |  |
| Number Games and Puzzles |  |  |
| History of maths |  |  |
| Puzzles  and  Games | Calculator patterns |  |  |
| Number patterns |  |  |
| Number Puzzles |  |  |