| YEAR 4 | BLOCK | UNIT TITLE | COMPLETED | NOTES |
| --- | --- | --- | --- | --- |
| AUTUMN TERM | Place Value | Place 3- and 4-digit numbers on a line |  |  |
| Place value in 4-digit numbers |  |  |
| Place value additions: 4-digit numbers |  |  |
| Deepen understanding of place value |  |  |
| Add/subtract powers of 10, nos > 1000 |  |  |
| Use place value in calculations |  |  |
| Addition  and Subtraction | Partitioning and column addition |  |  |
| Mental subtraction incl. counting up |  |  |
| Mental addition and subtraction |  |  |
| Subtraction: frog with 3-D numbers |  |  |
| Mentally add/subtract near multiples |  |  |
| Mentally add/subtract 1-digit numbers |  |  |
| Written subtraction |  |  |
| Measures  and Data | Tell time to nearest minute: am/pm |  |  |
| Calculate time intervals; 24 hour clock |  |  |
| Units of time, record data and interpret |  |  |
| Rehearse 24 hour clock; time intervals |  |  |
| Units of time; draw line graphs |  |  |
| Multiplication and  Division | Double and halve 2- and 3-digit numbers |  |  |
| Multiplication and division facts |  |  |
| Grid multiplication using tables facts |  |  |
| Division using efficient chunking |  |  |
| Larger divisions with remainders |  |  |

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| SPRING TERM | Decimals  and  Fractions | Unit and non-unit fractions of amounts |  |  |
| Equivalent fractions; simplest form; +/- |  |  |
| Introduction to one place decimals |  |  |
| Consolidate one-place decimal numbers |  |  |
| Rehearse equivalence: fractions/decimals |  |  |
| Decimals: x/÷ by 10/100; +/- 0.1 |  |  |
| Multiplication and  Division | Times tables: x/÷ facts |  |  |
| Times tables revision: factors and multiples |  |  |
| Multiply multiples of 10 and 100 |  |  |
| Grid multiplication: vertical layout |  |  |
| Division: chunking with remainders |  |  |
| Addition  and Subtraction | Adding money using column addition |  |  |
| Count up to find change and differences |  |  |
| Column addition:  4-digit numbers |  |  |
| Subtraction strategies; written methods |  |  |
| Shape | Draw circles, study polygons, e.g. triangles |  |  |
| Identify and explore  3-D shapes |  |  |
| Co-ordinates: draw polygons |  |  |
| Line of symmetry: identify and construct |  |  |
| Angle types; properties of polygons |  |  |

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| SUMMER TERM | Addition  and  Subtraction | Column addition, including money |  |  |
| Expanded & compact column subtraction |  |  |
| Column subtraction, 3- & 4-digit numbers |  |  |
| Appropriate strategies to add/subtract |  |  |
| Column add/subt with 3- and 4-digit numbers |  |  |
| Choose methods for add/subt problems |  |  |
| Decimals  and  Fractions | Introduction: 1- and 2-place decimals |  |  |
| Decimal/fraction equivalents, 10/100th |  |  |
| Compare, order 2-place decimal numbers |  |  |
| Add/subt 0.1s and 0.01s: measures problems |  |  |
| Equivalent fractions; fraction problems |  |  |
| Multiplication  and  Division | Factors, multiples, mental multiplication |  |  |
| Scaling and correspondence problems |  |  |
| Efficient chunking with remainders |  |  |
| Multiplication problems, formal methods |  |  |
| Revise problems: all four operations |  |  |
| Place Value | Place and round 4-digit numbers on lines |  |  |
| Negative numbers in temperature |  |  |
| Count in 25s/1000s; Roman numerals |  |  |
| Measures  and  Data | Measure in m, cm, mm: convert units |  |  |
| Use SI units: bar charts |  |  |
| Find the area of rectilinear shapes |  |  |
| Perimeters of rectilinear shapes; area |  |  |