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| **AUTUMN 1** | | | | | | | |  | **AUTUMN 2** | | | | | | |
| **Wk1**  **2.9** | **Wk2**  **9.9** | **Wk3**  **16.9** | **Wk4**  **23.9** | **Wk5**  **30.9** | **Wk6**  **7.10** | **Wk7**  **14.10** | **Wk8**  **21.10** | **HALF TERM** | **Wk9**  **4.11** | **Wk10**  **11.11** | **Wk11**  **18.11** | **Wk12**  **25.11** | **Wk13**  **2.12** | **Wk14**  **9.12** | **Wk15**  **16.12** |
| Basic skills/ Times tables | Number: Place Value | | | Number: Addition & Subtraction | | Statistics | | Number: Multiplication & Division | | | Measurement: Perimeter & Area | | Consolidation | |

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| **NC OBJECTIVES** |
| **Place Value** |
| Read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit |
| Count forwards or backwards in steps of powers of 10 for any given number up to 1 000 000 |
| Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero |
| Round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000 |
| Solve number problems and practical problems that involve all of the above |
| Read Roman numerals to 1000 (M) and recognise years written in Roman numerals. |

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| **NC OBJECTIVES** |
| **Multiplication & Division** |
| Multiply & divide numbers mentally drawing upon known facts |
| Multiply & divide whole numbers by 10, 100 and 1000 |
| Identify multiples & factors, including finding all factor pairs of a number, & common factors of two numbers |
| Recognise & use square numbers & cube numbers, & the notation for squared ( 2 ) and cubed (3 ) |
| Solve problems involving multiplication & division including using their knowledge of factors & multiples, squares and cubes |
| Know & use the vocabulary of prime numbers, prime factors & composite (nonprime) numbers |
| Establish whether a number up to 100 is prime & recall prime numbers up to 19 |
| **Measurement: Perimeter & Area** |
| Measure & calculate the perimeter of composite rectilinear shapes in centimetres & metres |
| Calculate & compare the area of rectangles (including squares), & including using standard units, square centimetres and square metres & estimate the area of irregular shapes |

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| **NC OBJECTIVES** |
| **Addition & Subtraction** |
| Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction) |
| Add and subtract numbers mentally with increasingly large numbers |
| Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy |
| Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why. |
| **Statistics** |
| Solve comparison, sum and difference problems using information presented in a line graph |
| Complete, read and interpret information in tables, including timetables. |