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| Subject: Maths |
| Group/ Year: KS3 |

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| Autumn/ Winter | | |
| Weeks 1-6 | Weeks 7-12 | Weeks 13-18 |
| **Number and place value**   * Read write order and compare numbers to 10,000 * Rounding to, 10, 100 and 1000 * Comparing and ordering numbers to 10,000 * Comparing ordering and rounding to a million * Negative numbers on a number line   **Addition and subtraction**   * Add and subtract whole numbers with more than 4 digits * Inverse operations * Muti-step addition and subtraction | **Multiplication and division**   * Multiples * Factors and common factors * Primes * Square numbers * Multiply and divide by 10, 100, 1000   **Fraction Block A**   * Identify, write and name equivalent fractions of a given fraction. * Convert improper fractions to mixed numbers * Convert mixed numbers to improper fractions * Compare fractions less than 1 | **Multiplication and Division**   * Multiply by 2,3 and 4 digit numbers by 1 digit * Multiply 2, 3 and 4 digit numbers by 2 digits * Divide 2,3 an 4 digits by 1 digits * Divide with a remainder   **Fractions Block B**   * Adding fractions * Subtracting fractions * Adding mixed numbers * Subtracting mixed numbers * Multiplying mixed numbers by integers |

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| Spring Summer | | |
| Weeks 1-6 | Weeks 7-12 | Weeks 13-18 |
| **Place Value**   * Read and write numbers to 10,000,000 * Multiplying and dividing powers of 10 * Comparing and ordering integers * Rounding integers * Negative numbers   **Addition, subtraction, multiplication and division**   * Add and subtract integers * Common factors * Common multiples * Primes to 100 * Square and cube numbers * Multiple 4 digit by 2 digit numbers * Short division * Long division | **Fractions A**   * Equivalent fractions and simplifying * Compare and order fractions * Add and subtract fractions * Add and subtract mixed numbers   **Fractions B**   * Multiply fractions by integers * Multiply fractions by fractions * Divide fractions by integers * Divide fractions by fractions * Fractions of amounts | **Ratios**   * Using ratio language * Ratios and fractions * Calculating ratio * Using scale factor   **Algebra**   * Finding the rule – 1 step and 2 step * Forming expressions * Substituting * Forming equations * Solving 1 and 2 step equations. |