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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.
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