

KS2 Prior Mathematical Knowledge

- Number and place value
- Addition, subtraction, multiplication and division
- Algebra
- Measurement
- Geometry
- Statistics

1

Autumn
Term 1

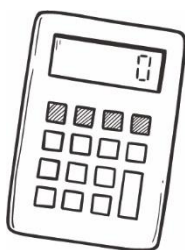
- Properties of number
- Directed Number
- Four operations
- Inverse operations
- Powers & roots
- Historical maths



2

Autumn
Term 2

- Priority of operations (BIDMAS)
- Factors, multiples & primes
- Prime factorisation
- Algebraic vocabulary
- Algebra - simplifying expressions
- Forming algebraic expressions



3

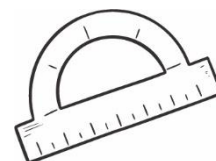
Spring
Term 1

- Metric Measures
- Cancellation to simplify
- Fractions of amounts
- Four operations with fractions
- Properties of 2D shapes
- Perimeter of 2D shapes

- Area of 2D shapes
- Expanding single brackets
- Factorising linear expressions
- Substitution
- Solving one & two step equations

4

Spring
Term 2



5

Summer
Term 1

- Different types of sequences
- Linear sequences
- Ratio



6

Summer
Term 2

- Historical math's unit
- Averages
- Pictograms
- Bar charts
- Time series graphs

Assessments

- Half termly End of unit tests
- Termly full assessments
- Fortnightly Key stage 2 core knowledge checks

Skills Development, Key knowledge:

- Fluent use of the four operations with integers, decimals & fractions
- Conversion between the different metric units
- Form & work with algebraic expressions and equations
- Understand the concept of sharing within ratios
- Accurately draw different types of graphs

