

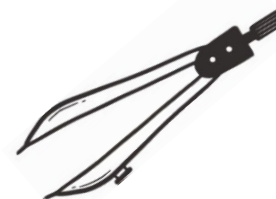
## KS2 Prior Mathematical Knowledge

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

1

- Place value
- Powers of 10
- Directed Number
- Four operations
- Powers & roots
- Order of operations (BIDMAS)

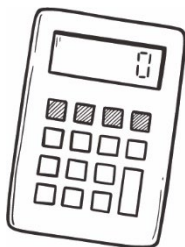
Autumn  
Term 1



2

- Factors, multiples & primes
- Prime factorisation
- Metric Measures
- Properties of 2D shapes
- Perimeter
- Area

Autumn  
Term 2



3

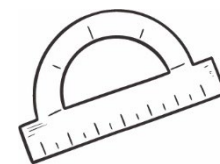
- Cancellation to simplify
- Fractions of amounts
- Four operations with fractions
- Algebraic vocabulary
- Algebraic expressions - collecting like terms & simplifying

Spring  
Term 1

4

- Historical math's unit - Grace Hopper
- Forming algebraic expressions and equations
- Expanding single brackets
- Factorising linear expressions
- Substitution
- Solving one & two step equations

Spring  
Term 2



5

- Different types of sequences
- Linear sequences
- Ratio

Summer  
Term 1



6

- Historical math's unit - Fibonacci
- Averages
- Pictograms
- Bar charts
- Line graphs

Summer  
Term 2

### 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