

Frequency Diagrams Inter Quartile range

Spring 1 + 2

## Algebra 1

Forming and solving equations Investigating Quadratic functions Expanding single and double brackets

Factorising and Solving equations Solving and rearranging formula and expressions including algebraic fractions

Solving quadratics- factorising, graph, formulae, completing the square

Geometry 1 Symmetry and Transformations Vectors Constructions, Loci Similarity and Congruency Transformations – including enlargement with negative and fractional scale factors Combined transformations 3D similarity and congruency and effects of scale factors on area/ volume.



## Proportional reasoning Real life graphs Percentages and changes from graphs and tables Rates of change Area under a graph

Number 1

Autumn 1 + 2

Rounding and Estimation- Including Significant figures Money and best buys Percentage and Fraction Problems Frequency Trees

Maximum and minimum problems Limits of accuracy Surds Reverse Percentages Compound Interest





HCF LCM Venn Diagrams Product of Primes Standard Form Calculating with standard form Representing Inequalities

Number 2