

Year 7	Year 8	Year 9
Place value, types of number and number properties.	Calculator skills and rounding, decimal calculations and using standard form.	Metric measures and volume.
Fractions, ratio and proportion.	Functions, linear and non-linear sequences.	Equations, simultaneous equations and inequalities and regions on graphs.
Directed numbers and working with negatives.	Constructions, angle properties and Pythagoras' Theorem.	Pythagoras, trigonometry and surds.
Represent and use the four operations algebraically, expanding and factorising with brackets and using substitution.	Coordinates, linear graphs and conversion graphs.	Quadratic expressions, graphs and equations.
2D shapes, area and perimeter, nets and surface area.	Fractions, decimals, percentages.	Finding averages of grouped and ungrouped data, plus graphical representation of data.
Solving equations, rearranging equations and solving linear inequalities.	Probability	Congruence and similarity. Transformations with enlargement, rotation, reflection and translation.
Collecting, representing and interpreting data.		