

## Year 11 Foundation Curriculum

Term	Topic	Details
1	Algebra	Revise basic algebra, Expand double Brackets, Factorise Quadratics, Plotting and using quadratic graphs, Solving quadratics
	Shape	Revise perimeter and area of 2D shapes, Semi circles and sectors, Revise Volume and Surface Area. Compound 2D shapes, Cylinders and cones. Spheres and composite solids
2	Fractions & decimals	Fractions including recurring decimals to fractions
	Indices and standard form	Laws of indices, changing between and calculating with Standard Form
	Angle review	Basic angles, angles in parallel lines, angles in polygons, geometrical reasoning
3	Similarity, congruence and vectors	Similarity, Congruence, Vectors
	Simultaneous equations	Solving simultaneous equations
	Graphs	Linear, non Linear, Solving simultaneous equations graphically
4	Algebra	Rearranging formulae, Proofs
	Percentages	Percentages of amounts without a calculator, Decimal Multipliers, Percentages of amounts with a calculator, Percentage increase and decrease, Expressing as a percentage, Compound and simple interest, Depreciation, Reverse percentages

Each topic is tested through low stakes testing on a regular basis and students receive feedback and the opportunity to improve.

There is a practice mock in October, then 2 sets of mock exams (November and February) before the GCSE exams 3 papers (NC & 2 calculator papers) in May and June.