

Maths Department Curriculum Guide

Year 11 Foundation

Curriculum

Autumn	Spring	Summer
Multiplicative reasoning. Quadratic equations: expand & factorise. Probability. Quadratic equations graphs. Rearranging equations. Graphs of cubic & reciprocal functions. Pythagoras and trigonometry. MOCK EXAMS.	Simultaneous equations. Fractions and reciprocals. Circles, cylinders, cones & spheres. Plans, elevations & nets. Constructions, loci & bearings. Indices & Standard form. Similarity and congruence in 2D. Vectors. MOCK EXAM & REVISION	Revision and exam practice. FINAL GCSE EXAM.

Assessment & Homework

Homework will be set by both Maths teachers on a fortnightly basis so that on average students will be set 1 assignment per week. Details of assignments will be set on Arbor and some will be on Mymaths, which is an excellent online resource that we subscribe to. Login details are reset and shared with pupils at the start of each academic year. At times there will be two tasks to do on Mymaths but these can be very short and pupils should expect to spend roughly 30 minutes on the Maths homework they've be assigned.

Assessments are conducted half termly and details of topics and schedule are shared with pupils before the assessments. These generally last an hour, the duration of a lesson.

Resources

- Mymaths has a wonderful library of powerpoint lessons, which are accompanied by assessments.
- OneNote has tabs with the lessons teachers deliver, the scheme of work and knowledge organisers.

Extra and Super Curricular Opportunities

There are two lunchtime clubs that students can attend. These are the Rubik's and code breaking club as well as a Maths catch up club, where students can do some work or play maths games. Our top ability students are also offered an opportunity to do the UKMT Intermediate challenge. Lunchtime intervention sessions will be offered in the lead up to the exams.