

Curriculum Overview

Subject: Maths

Year Group: 11



Students continue to prepare for the Edexcel GCSE in Mathematic. At the end of the course, students will have three exams, equally weighted towards the final grade. Written papers are at either foundation or higher tier: Foundation tier grades 1-5, Higher tier grades 4-9. In both tiers, Paper 1 is non-calculator.

TERM 1	TERM 2	TERM 3
KNOWLEDGE/SKILLS Higher <ul style="list-style-type: none"> • Vectors and geometrical proof • Proportion and graphs Foundation <ul style="list-style-type: none"> • Fractions, indices and standard form • Congruence, similarity and vectors • Algebra 2 	KNOWLEDGE/SKILLS Higher <ul style="list-style-type: none"> • Velocity Time Graphs • Graph transformations • Direct and inverse proportion • Tangent to a circle Foundation <ul style="list-style-type: none"> • Solving linear equations • Simultaneous equations • Rearranging formulae • Quadratic, cubic and reciprocal graphs 	KNOWLEDGE/SKILLS Higher <ul style="list-style-type: none"> • Revision for GCSE • Topics identified as areas for improvement from previous assessments Foundation <ul style="list-style-type: none"> • Revision for GCSE • Topics identified as areas for improvement from previous assessments
KEY ASSESSMENTS Half term 1: GCSE paper sat in class Completed Units Assessment(s) Half term 2: Completed Units Assessment(s) PPE exams	KEY ASSESSMENTS Half term 1: GCSE paper sat in class Completed Units Assessment(s) Half term 2: GCSE paper sat in class Completed Units Assessment(s) PPE exams	KEY ASSESSMENTS Half term 1: GCSE papers sat in class Half term 2: GCSE Examinations

Extended reading suggestions and external resources:

Mathswatch - <https://vle.mathswatch.co.uk/vle/>; Mainly used for exam questions based on specific topics

MyMaths - <https://login.mymaths.co.uk/login>

Corbett Maths – <https://corbettmaths.com/>; 5-a-day questions which are good problem solving starter questions for all abilities.

Maths Genie - <https://www.mathsgenie.co.uk>; a free revision site. It has past papers, mark schemes and model answers to GCSE exam questions

BBC Bitesize - <https://www.bbc.co.uk/bitesize/subjects/z38pycw>