

Mathematics

Exam Board: Edexcel/Pearson

Specification: The specification for A Level Mathematics is identical across all exam boards and covers the study of Pure Mathematics along with Mechanics and Statistics.

Entry Criteria: Grade 7 – GCSE Mathematics. A diagnostic test will be taken in the first 2 weeks for which a minimum of an E Grade must be achieved to continue with the A Level course.

All students must also have achieved a GCSE Grade 5 in English Language or English Literature.

What will I study:

Maths includes the study of Algebra, Calculus, Geometry and Trigonometry. Additionally students will study Mechanics (forces and physical objects move or stay still) and Statistics (principles and methods of statistical analysis).

Linear A Level:

Mathematics is a linear A Level meaning that all the exams will take place at the end of Year 13 and will test all the material that has been covered over 2 years. There is a greater emphasis on problem solving, modelling and reasoning in the new A levels but they are of the same standard as previous A Levels. Mathematics is the only subject to offer two A Levels in the same area.

Final Qualification: A Level

Progression Pathways:

Mathematics itself has many different branches and most maths related degree courses allow flexibility in changing course after the first year. Maths is especially valuable for the study of Science, Engineering, Architecture, Economics, the Medical Sciences and Research. Mathematics is one of the most facilitating subjects you can study.

Course Leader: Mr Dowling

Specification Link: <https://qualifications.pearson.com/en/qualifications/edexcel-alevels/mathematics-2017.html>