

Sixth Form – A Level Course Description

Course title: Further Maths

Entry Requirements:

In order to begin an A level course in Further Mathematics in year 12, the Mathematics Department require that you achieve a minimum of a Grade 8 at Higher level Tier of GCSE Mathematics.

Topics Covered:

In Year 12	In Year 13
Compulsory: Core Pure Mathematics	Compulsory: Core Pure Mathematics
Optional Units we will study: Further Pure Mathematics Further Mechanics	Optional Units we will study: Further Pure Mathematics Further Mechanics

Exam Board: Edexcel

Details of Examinations:

In Year 12	In Year 13
Paper 1: Core Pure Mathematics 1 hour 40 minutes 80 marks	Paper 1 and Paper 2: Core Pure Mathematics 1 hour 30 minutes (each) 75 marks
Paper 2: Further Mathematics Options Made up of the two listed above. 1 hour 40 minutes 80 marks	Paper 3: Further Mathematics Options Made up of the two listed above. 1 hour 30 minutes 75 marks
Exam: External Exam in the Summer	Exam: External Exam in the Summer

Post-18 Progression and Pathways to universities:

Further Mathematics is widely recognised as one of the most academically challenging A levels and is widely respected by prestigious Universities and employers. If you hold an A Level in Mathematics and additionally Further Mathematics many pathways are open to you.

Many Degree courses in subjects related to Mathematics at University require a degree in Mathematics, such as: Mathematics, Statistics, Physics, Astronomy, Engineering and Computer Science. Many others, including Medicine, Architecture and the Social Sciences, have a certain amount of mathematical or statistical content.

Career opportunities

Mathematics qualifications can help you towards a future career in Industry, Business, Finance, Science, Technology, Education and many other areas. There is currently a national shortage of qualified Mathematicians.

Lead Member of Staff: Dr Ali Khan

Email: alikh.k@sta.islington.sch.uk