

MATHEMATICS - FURTHER



MATHEMATICS – FURTHER (Edexcel)

Level of Study: A2

Description of Course

This course leads to two A-Levels in Mathematics. In Year 12 a student will complete a full A-Level in Mathematics and in Year 13 an A-Level in Further Mathematics. It is most suitable, though not exclusively, for students who are interested in pursuing Mathematics or a Mathematics-related degree at University. If you are considering this course you should consult your Mathematics teacher.

Skills Required

A very good knowledge of all aspects of GCSE Mathematics and a genuine enjoyment of Mathematics and problem-solving.

Entry Qualifications

Grade 9 or 8 at GCSE Mathematics together with a recommendation from your current Mathematics teacher.

Method of Assessment

The A-Level GCE in Further Mathematics consists of four externally examined papers. Students must complete all assessments in May/June in any single year.

Further Pure 1	1½ hour written exam 75 marks	25% of the qualification
Further Pure 2	1½ hour written exam 75 marks	25% of the qualification
Further Maths Option 1	1½ hour written exam 75 marks	25% of the qualification
Further Maths Option 2	1½ hour written exam 75 marks	25% of the qualification

Option 1

Further Pure 3
Decision Maths

Option 2

Further Statistics 1
Further Mechanics 1

Contact Names Mr M Frost (Head of KS5 Maths) mf@lpgs.bromley.sch.uk

Educational Progression and Career Opportunities

Success in mathematics is an indication of the ability to think logically and to deal with abstract generalisations. Mathematics can complement almost any choice of subjects and is looked at favourably in applications for any Higher Education course. A-Level Mathematics is essential for the study of engineering, physics and mathematics at degree level and is related to or strongly recommended for chemistry, medicine, economics, architecture, accountancy, teaching, computing, information technology, philosophy, psychology and other social sciences. A Level Further Mathematics is particularly desirable for Mathematics and Engineering courses and will significantly support applications in any of the subjects previously listed as success in this qualification indicates that the student is very academically gifted and highly suitable for STEM subjects.