

A Level Mathematics

Examination Board: AQA
Specification Code: 7357 – A Level

Why Mathematics?

You should choose mathematics because you are good at it, because you enjoy it and because you want to do it. Mathematics complements most combinations of A Levels.

Entry Requirements

QEHS standard entry requirements will apply and in addition students are expected to achieve at least a Grade 7 in GCSE mathematics.

Course Content

This is a new qualification which will be assessed by three 2 hour exams at the end of Year 13. The course will be approximately two thirds pure maths, such as calculus and algebra and one third applied maths. The applied maths will be a combination of statistics and mechanics.

How does learning differ from Pre-16 study?

You will quickly need to be confident in dealing with algebra in a variety of contexts. This will include quadratics, algebraic manipulation, particularly with indices, inequalities and graphs. In addition you will need to be ready to link together ideas from across the course. You must be willing to take responsibility for your learning seeking help when necessary.

Prospects

Students with good mathematics A Levels are in demand for Science, Computing, Engineering and, of course, Mathematics degree courses. A good A Level pass is a requirement for many physics and engineering degrees. Jobs in which a mathematics qualification is useful include banking, finance, accountancy, architecture, insurance, statistics, teaching, medicine, engineering, ICT, computing, scientific research and many others.

Contacts

Please contact Mr. N. Bowler, Head of Mathematics, if you wish to discuss this qualification further.