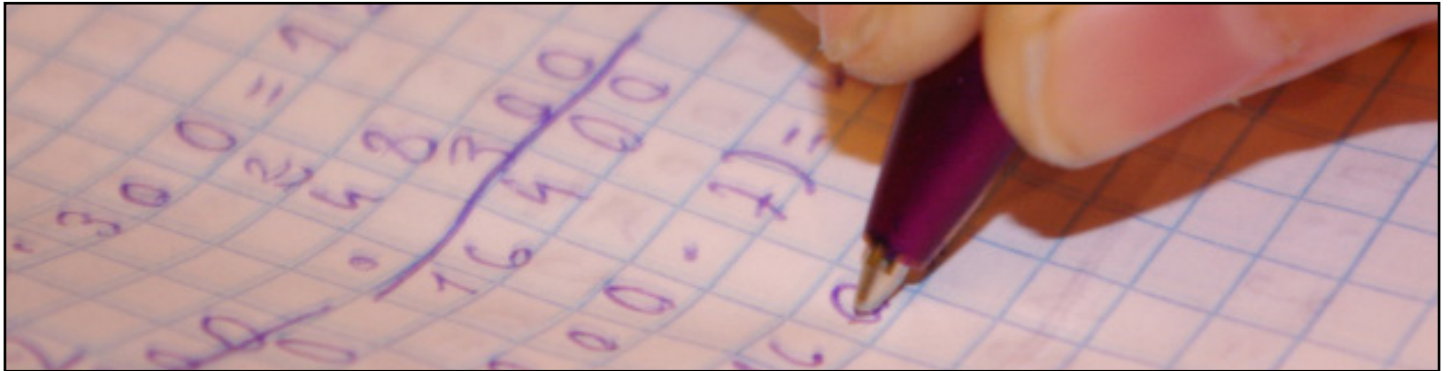


# MATHS

## Mathematics



**Examination Board:** Edexcel  
**Subject Leader(s):** Mrs E Stevens



### Course Structure

Unit	Topics/Unit Title	Assessment	A Level (%)
1	Pure Mathematics 1	2 hour examination	33.3%
2	Pure Mathematics 2	2 hour examination	33.3%
3	Statistics and Mechanics	2 hour examination	33.3%

### What does the course involve?

A Level mathematics will develop students' knowledge and skills in three overarching themes:

- Mathematical argument, language and proof
- Mathematical problem solving
- Mathematical modelling

The use of technology, in particular graphical calculators, graphing tools and spreadsheets will permeate the study of A Level mathematics.

For more detailed topics please talk to your maths teacher.

### Further Study/Employment Prospects

It is beyond doubt that choosing mathematics will open many doors. Universities regard it as a facilitating subject for many different courses of study. The list of careers that mathematicians go into is endless from accountancy to ecology, statistical analysis to computing, engineering to medical research. Good mathematics qualifications give you a very high employability rating.

### Entry Requirements

Grade 6 or higher in GCSE Mathematics.

The ideal subject for proactive, self-motivated students who loved maths at GCSE and enjoy pattern spotting, problem solving and thinking on their feet. Will require an Advanced Scientific Calculator, details of which can be collected from the maths department.