



## What the course will involve -

AS and A level Mathematics cover a range of topics including Core Maths, Mechanics, Statistics and Decision Maths. To qualify for an award at Advanced Level in Mathematics, students must study 6 modules which must include 4 modules in Core Maths.

All students will take examinations in Core Maths and Decision Maths in January and June of Year 12. This encourages students to work consistently throughout their time in the Sixth Form. A module may be repeated at a later stage to obtain an improved score.

Year 12 - Core 1, Core 2 and Decision 1.

Year 13 - Core 3, Core 4 and Statistics 1.

Pupils who leave the course at the end of Year 12 will qualify for a grade in AS Mathematics.

## Exam Board: OCR

## Assessment -

All Modules have an examination of 1½ hours.

These can be taken in January and June of the Year 12 and Year 13.

There is no coursework in any aspect of this course.

At A level, this pattern is repeated, with students taking exams in both January and June of Year 13. Students are also able to retake any of their modules at any stage.

## What the course can lead to -

Continuing Education - Degrees in Mathematics, Science and Engineering will almost certainly require an A Level in Mathematics.

Careers - Statistician, Financial Positions in the City of London, Scientist, Engineer, Teacher, Surveyor etc.

Pupils wishing to do Mathematics as their degree course at University should also take Further Maths.



## Entry Requirements -

Students will need an A\* or A Grade at GCSE Mathematics to study this course at Cowley.