



# Mathematics (Further)

## ***What our students say:***

*“A level Further Mathematics is the best subject that I chose, as it has allowed me to develop my problem solving skills; I am now confident when faced with new mathematical concepts as I can apply the same logical approach. Having a wide variety of methods to reach the same solution really interests me.”*

## ***Entry Requirements:***

5 GCSEs graded 9 – 4, including English (grade 4+) and Mathematics (grade 6+).

## ***Exam Board and Specification Link:***

Edexcel A Level Further Mathematics, 9FMO: [Edexcel Further Maths specification](#)

## ***What skills will you develop?***

Many of the skills developed in A Level Mathematics are extended and enriched in Further Mathematics. The application of Mathematics to real life situations is explored in much more depth.

## ***What will you study?***

The A level Further Mathematics course includes work on Pure Maths, Statistics and Mechanics. The key skills are observing and recording together with the discovery and experimentation of techniques and materials. This is accompanied by critical research and opinion, composition and creativity with ideas together with presenting solutions.

## ***Why study this subject?***

This course is unusual in that it is an extension of the usual A Level Mathematics course and can only be studied by those already doing A Level Mathematics.

Further Mathematics provides more opportunity to see how mathematics is applied and supports many other subjects with mathematical based content.

## ***How will you be assessed?***

There are four terminal papers:

Core pure maths papers 1 and 2 and two applied papers on further statistics and decision maths. All papers are 1 hour 30 minutes in length and all equally weighted.

## ***Where can the subject lead?***

The course is very valuable for students considering a Mathematics based degree. Good candidates for science, economics, engineering or computer sciences would also find this course very beneficial.

## ***Contact Information***

For further information about this course, contact Martin Byford, Head of Mathematics, at: [mbyford@chenderit.net](mailto:mbyford@chenderit.net)