

Entry Requirements

You need at least a grade 8 in GCSE Maths for this course.

You should enjoy Maths as you will be spending a lot of time doing it!

You should be prepared to tackle unfamiliar problems and meet some fascinating new areas of Maths.

You should be a hard working and self-motivated student with a questioning mind.

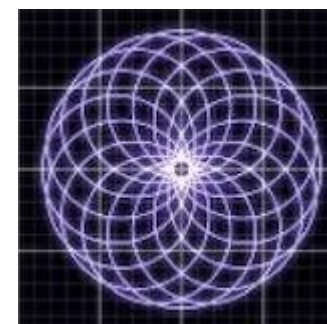
Collingwood College

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College



**AS/A Level
Further Maths**



Why Study A-Level Further Maths?

- Not many people are as good at Maths as you are so by taking Further Maths you really set yourself apart
- It is really useful for certain degrees including Sciences , Computer Science, Mathematics and Engineering.
- You get to study some really interesting areas of Mathematics that you might otherwise never learn about
- It is enjoyable and challenging

The Structure of the course

There are two compulsory exams at the end of course called Core Pure 1 & 2

However there is then a choice of two from:

- Further Pure 1
- Further Pure 2
- Further Mechanics 1
- Further Mechanics 2
- Further Statistics 1
- Further Statistics 2
- Decision Mathematics 1
- Decision Mathematics 2

So the course is highly customizable depending on your interests and strengths.

You have to already be studying A-Level Maths to take this course.

Aims of the course

You will extend your range of mathematical skills and techniques and will use these to solve problems in a variety of contexts.

The course is an excellent choice for strong Mathematicians who wish to explore Mathematics to a greater depth and breadth than possible in a single Mathematics A-level.

AS-Level Further Mathematics

It is also possible to take an AS-Level in Further Mathematics by sitting three AS-level exams (Core Pure 1 and two others from the list overleaf).