

A Level Further Maths

Part A - Bridging Work Task

Please note: The bridging work task for Further Maths is the same task as A Level Maths.

Please click on A Level Maths and complete that bridging work. There are some optional extension tasks at the end of that work which you should also aim to complete.

A Level Further Maths

Part B – Preparing for Studying at Franklin

A fantastic opportunity to widen your understanding of the course.

Examining Board and Specification

This course follows Edexcel A Level Further Mathematics specification. The full specification can be found here:

[Pearson Edexcel Level 3 Advanced GCE in Further Mathematics \(9FM0\)](#)

In the compulsory Pure Core modules, we cover the following skills:

- Proof
- Complex numbers
- Matrices
- Further algebra and functions
- Further calculus
- Further vectors
- Polar coordinates
- Hyperbolic functions
- Differential equation

We will also choose a pair of optional modules from the following:

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

Progression after this course:

This qualification will allow you to consider a vast amount of educational and career paths, depending on your interests and goals. You can pursue a degree in Mathematics, Engineering, Computer Science, Physics, Economics, Finance and many more. **Some leading universities now specify Further Mathematics as an entry requirement for their maths related degrees.**

**Preparing for
the course**

As well as completing the bridging work on the A Level topic, binomial expansion, you may wish to get yourself fully prepared for A Level Maths & Further Maths. There are many excellent YouTube channels and websites out there, however **we advise the “Head Start to A Level Maths” book** at the very reasonable price of £5.95.

Text book: <https://www.amazon.co.uk/Head-Start-Level-Maths-2017-2018/dp/1782947922>

YouTube: <https://sites.google.com/view/tlmaths/home/gcse-to-a-level-maths-bridging-the-gap>