

# 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.

<b>Examining Board and Specification</b>	<p>This course follows Edexcel A Level Further Mathematics specification. The full specification can be found here: <a href="#">Pearson Edexcel Level 3 Advanced GCE in Further Mathematics (9FM0)</a></p> <p><b>In the compulsory Pure Core modules, we cover the following skills:</b></p> <ul style="list-style-type: none"><li>• Proof</li><li>• Complex numbers</li><li>• Matrices</li><li>• Further algebra and functions</li><li>• Further calculus</li><li>• Further vectors</li><li>• Polar coordinates</li><li>• Hyperbolic functions</li><li>• Differential equation</li></ul> <p>We will also choose a pair of optional modules from the following:</p> <ul style="list-style-type: none"><li>• Further Pure Mathematics 1</li><li>• Further Pure Mathematics 2</li><li>• Further Statistics 1</li><li>• Further Statistics 2</li><li>• Further Mechanics 1</li><li>• Further Mechanics 2</li><li>• Decision Mathematics 1</li><li>• Decision Mathematics 2</li></ul> <p><b>Progression after this course:</b></p> <p>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. <b>Some leading universities now specify Further Mathematics as an entry requirement for their maths related degrees.</b></p>
--	---

**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>