

# Why study A Level Further Mathematics at Tarpорley Sixth Form?



Mr Jones

- MMath (HONS)
- Studied Mathematics at University of Manchester
- Favourite Topics: Kinematics and Differentiation



Miss Blackhurst

- MMath (HONS)
- Studied Mathematics with Study in Europe at UMIST
- Favourite Topics: Calculus and Trigonometry



Miss Williams

- BSc (HONS)
- Studied Psychology at Newcastle University
- Favourite Topics: Normal Distribution

**Why we love teaching A Level: Further Mathematics continues what the A Level started. From looking at new number systems involving imaginary numbers to solving second order differential equations used to model complex financial models, this A Level is designed stretch and challenge mathematic students and prepare them for university courses in mathematics and related quantitative and scientific subjects. A passion for Mathematics is a must – this is taken alongside the Mathematics A Level giving you two qualifications in Mathematics.**

**Students applying to study a degree in a STEM subject should also consider taking Further Mathematics alongside A level Mathematics.**

# Where could Further Mathematics take me?

Our students went on to read:

- **James: Medicine at University of Liverpool**
- **Harry: Mathematics at University of Durham**
- **Oscar: Computer Science at University of Newcastle**
- **Abi: Medicine at University of Cardiff**
- **Patrick: Mathematics and Economics at London School of Economics**
- **Sam: Mathematics and Computer Science at University of Oxford**
- **Tommy: Mathematics at Nottingham Trent University**
- **Adam: Accounting and Financial Management at University of Swansea**
- **Sam: Chemical Engineering at University of Birmingham**

“Taking A-level Maths/Further Maths really taught me how to problem solve, sometimes (as frustrating as it may be) there is not one straightforward method to solving a question. Leading on from this, the A-level taught me how to be resilient and not give up when you reach a problem- which is now very relevant to my degree, I am forced to look at different solutions to solving problems in seminars.”

**Arianne: Former student studying Mathematics at University of York**

“Maths and even more so Further Maths at A-level provided me with an extensive grounding in several branches of maths and also helped me to develop many other academic skills which I use now on a daily basis in my languages degree, despite there being no direct connection to the maths and numbers. These are skills such as logic, diligence and being methodical in calculations and the presentation of ideas, of which the latter I find an incredibly useful transferable skill in a humanities degree. At A-level, I really enjoyed the small class sizes and I felt as though the teachers really focused on us and our progress individually.”

**Thomas: Former student studying Arabic and Hindi at University of Oxford**

Real world skills: Problem Solving, Communication, Logical Reasoning, Resilience, Interpretation, Modelling, Simplifying