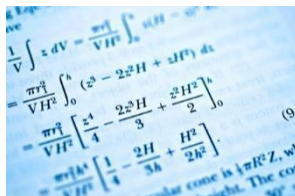# Further Mathematics

Fiona Mapp

Course Aims

- To extend your range of mathematical skills and techniques and use them in more difficult, unstructured problems.
- Develop an understanding of coherence and progression in mathematics and of how different areas of mathematics can be connected.
- Take increasing responsibility for your own learning and the evaluation of your own mathematical development.

Qualifications and Qualities Needed

The minimum entry requirement is a grade 7 in GCSE Mathematics. It is strongly advised that you speak to your Mathematics teacher to discuss your suitability for A-level before applying. To take Further Mathematics you must also be taking Mathematics A-level.

Course Structure

We currently sit the AS in the summer of Year 12 and the A Level in the summer of Year 13. Further Mathematics will consist of 50% Pure Mathematics with two options to be chosen by us. The options studied are Further Mechanics and Decision. There will be two examinations at the end of Year 12 and a further four examinations at the end of Year 13. There is no coursework requirement for A-level Further Mathematics. For more detail, please visit https://qualifications.pearson.com

Further Mathematics is taught for approximately four hours a week. As a result of this a lot of independent study will be required. In addition to the teaching hours per week there are always members of the mathematics faculty available to help and support students.

Future Pathways

A-level Further Mathematics is a highly thought of qualification for entry to a wide variety of full-time courses in Higher Education. There are also many areas of employment that see Further Mathematics A-level as an important qualification. If you wanted to go on to study Mathematics at degree level, you will often need to have studied Further Mathematics. Please bear this in mind when making your A-level subject choices.