



Advanced Mathematics
Support Programme®



More Maths! - Year 10 Enrichment Day

Colchester

30th June 2022

Overview

The Advanced Mathematics Support Programme invites you to a day of stimulating mathematical talks and activities designed to help students see the usefulness and fun of maths beyond the curriculum.

Schools may bring up to 16 students and an accompanying teacher **free of charge**; this event is open to all schools.

Aims

- To offer students with a taste of mathematics beyond GCSE.
- To provide information about maths courses available post-16.
- To encourage students to take maths and further maths A levels, or core maths.
- To have fun working on unusual maths problems and learning about new areas of maths.

Who will benefit from attending?

Any Year 10 students who may study maths beyond GCSE, especially those who may be undecided.

Content

09:15 - 09:45 Arrival and registration

09:45 - 10:15 Opening talk - Why Study Maths?

10:15 - 11:15 **Last One Standing: The Josephus Problem** - Dr Joe Bailey

11:30 - 12:15 **Mathematical Origami** - Dr Alastair Litterick

12:15 - 13:45 Lunch and tour around the whole university and an opportunity to meet current undergraduates and find out about student life.

13:45 - 14:45 **Maths in the Fourth Dimension** - Alex Partner (Postgraduate mathematician)

Other Information

You are invited to bring a group of Year 10 students to this event; the group will need to be accompanied by an adult/adults from school who will be responsible for them during the day.

Students need to bring a packed lunch.

Key Facts

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| Event ref: | #9812 |
| Audience: | Students |
| Target year: | Year 10 |
| Curriculum focus: | 11-16 maths, A level Mathematics, A level Further Mathematics, Core Maths |
| Event format: | Enrichment |
| Event length: | 5.5 hours |
| Region: | East of England |
| Venue: | University of Essex, Wivenhoe Park, Colchester, CO4 3SQ |
| Date: | Thu 30th Jun 2022 |
| Course times: | 09:30 - 14:45 |
| Priority Area subsidy: | £100 |

Registration

For more information, or to register for this event, please visit <https://amsp.org.uk/events/details/9812>