



Advanced Mathematics
Support Programme®



Year 12 Mathematical Modelling Day

Lancaster

9th July 2019

Overview

This event is designed to encourage enthusiastic Year 12 mathematicians to undertake some in-depth study through two mini-projects which show different aspects of mathematical application.

In addition, the day will also offer an opportunity for students to learn more about the Extended Project Qualification (EPQ).

The day is intended for students *and* accompanying teachers; we think teachers will find much of interest and use in the content of the day. Students can attend without a teacher, although we encourage teachers to accompany their students. Those problem-solving days should find this day enjoyable. Those thinking of undertaking an EPQ should find the day especially rewarding, but everyone should have a stimulating time.

Who will benefit from attending?

This event is ideal for Year 12 students who are thinking of applying to study mathematics, physics, engineering, computer science, economics, finance, operational research or related university courses. Teachers with students who are considering such courses will find this course helpful.

Content

The particular focus of this event is mathematical modelling, a theory which underpins not just the whole of mechanics, physics and engineering, but also computer science, economics, finance and operational research.

The style will be similar to the Year 12 problem-solving events put on by the FMSP in November and March, but there's no overlap in content, and those who enjoy those problem-solving days should find this day enjoyable. Those thinking of undertaking an EPQ should find the day especially rewarding, but everyone should have a stimulating time.

Cost

The event is **free** to all students and teachers.

Key Facts

Event ref:	#4962
Audience:	Students, Teachers
Target year:	Year 12
Curriculum focus:	University admissions tests
Event format:	Student course
Event length:	1 day
Region:	North West
Venue:	Lancaster University, Lancaster Conference Centre, Green Lane, Lancaster, Lancashire, LA1 4GJ
Date:	Tue 9th Jul 2019
Course times:	10:00 - 15:30
Fee:	Free

Registration

For more information, or to register for this event, please visit <https://amsp.org.uk/events/details/4962>