



Advanced Mathematics
Support Programme®



Year 12 Problem Solving Day

Lancaster

11th December 2018

Overview

An event for students and teachers wishing to develop their problem-solving skills (rescheduled from 6 November).

Aims

- Help students to develop and enhance their problem-solving skills
- Develop teachers' abilities to help their students with these issues
- Provide suggestions for suitable teaching resources

Who will benefit from attending?

This event is ideal for students who are thinking of applying to study mathematics, engineering or related university courses and wish to develop their problem-solving skills. Teachers with students who are preparing to apply for such courses, or who wish to develop their skills in advanced problem-solving techniques amongst their sixth-form mathematics students, will find this course beneficial.

Content

Parts of the course will be for students and teachers working together; at other times, students and teachers will have separate sessions. The day will include:

- A session for all on competition questions, and how they can be used to stimulate and nurture advanced problem-solving techniques
- A session for students on university application and interview requirements
- A session for teachers on the maths skills that universities are looking for
- A session for all on different approaches to solving difficult mathematical problems

Other Information

Presenters: Mike Baxter, Bob Summers and James Groves

The first session starts at 10:30am. Lunch will be provided

Cost

The event is free to all students and teachers.

Key Facts

Event ref:	#4958
Audience:	Students, Teachers
Target year:	Year 12
Curriculum focus:	University admissions tests, A level Mathematics
Mathematical focus:	Mechanics
Event format:	Enrichment
Event length:	1 day
Region:	North West
Venue:	Bowland Hall Training Suite, Lancaster University, Lancaster, Lancashire, LA1 4YT
Date:	Tue 11th Dec 2018
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/4958>