Advanced Mathematics Support Programme®

Developing Problem Solving in Year 12 Students

Lancaster

24th March 2020

Overview

A day of problem-solving for Year 12 students and their teachers.

Aims

- Develop and enhance Year 12 students' and their teachers' understanding of problem-solving;
- Discuss the ways in which mathematics can solve real-life contemporary problems;
- Explore some problems used in unversity entrance tests;
- Give teachers the opportunity to work with their students on complex problems;
- Provide suggestions for suitable teaching resources.

Who will benefit from attending?

This event should be accessible to all Year 12 students who wish to develop their mathematical problem-solving skills. Those thinking of applying to study a problem-solving subject like mathematics, computer science, economics, engineering, philosophy or physics at university should find it particularly useful. The style is similar to the Year 12 problem-solving events put on by the AMSP in the first term, but there's no overlap in content, and those who enjoyed the earlier problem-solving day should find this day enjoyable.

In particular we'll be investigating some real-life problems.

Teachers who wish to develop their students' problem-solving skills should also find this day beneficial.

Other Information

To book:

https://forms.gle/BphLA5CPtFDNg1jT6

If your server blocks shortened URLs:

https://docs.google.com/forms/d/e/1FAIpQLSdrnKmVKxUdDx0vZi1NIiCvTwYjYUDngpgEXPyeVyNAlRMjFQ/viewform

Key Facts

Event ref:	#6482
Audience:	Students,Teachers
Target year:	Year 12
Curriculum focus:	University admissions tests
Mathematical focus:	Problem solving
Event format:	Student course
Event length:	1 day
Region:	North West
Venue:	Lancaster Conference Centre, Lancaster House Hotel (by Lancaster University), Green Lane, Lancaster, LA1 4GJ
Date:	Tue 24th Mar 2020
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/6482