



Advanced Mathematics
Support Programme®



Year 12 Problem Solving Day

Lancaster

19th November 2019

Overview

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

Aims

- Help Year 12 students develop and enhance their problem-solving skills;
- Showcase a variety of interesting problems, some of them from the MAT and the TMUA;
- Introduce students to some of the problems used in university entrance tests;
- Develop teachers' abilities to help their students with problem-solving;
- 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. We aim to be as inclusive as possible - in particular, students need not be studying A Level Further Mathematics.

We will be showcasing a variety of problems, ranging from very straightforward to downright tricky, and helping students develop their estimation skills. Some of the puzzles were first seen in university entrance tests, so students thinking of studying mathematics or related subjects at university should find this day particularly helpful.

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

Other Information

To book:

<https://forms.gle/7fTXkcDiw8ZadNDYA>

If your server blocks shortened URLs:

https://docs.google.com/forms/d/e/1FAIpQLSe0NUMITdys5GIKYV3K50epZyLit9pkNeQmNdvPCJcX_yVs2g/viewform

Key Facts

Event ref:	#6480
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:	Private Dining Room, County South, Lancaster University, Lancaster, LA1 4YD
Date:	Tue 19th Nov 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/6480>