



Advanced Mathematics
Support Programme®

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Development
Standard

National Centre
for Excellence in the
Teaching of Mathematics



Year 12 Problem Solving Conference

Wolverhampton

17th December 2018

Overview

A enrichment event aimed at Year 12 students particularly those considering further study in STEM subjects

Organised by the AMSP and the University of Wolverhampton, this day is aimed primarily at Year 12 students going on to study a mathematics related degree, or who are considering taking STEP or AEA examinations, or who just enjoy mathematics.

The day will comprise 4 workshops including a masterclass on proof, consideration of STEP and AEA questions and problem solving workshop. Teachers will follow a parallel session of workshops

Aims

- Extend and enrich the concept of proof
- Explore the approach to STEP questions
- Introduce a variety of problem solving techniques

Content

Timetable for the day:

09:30 Registration and refreshments

09:45 Welcome and introduction

10:00 Workshop one

11.05 Workshop two

12:10 Lunch

13:00 Workshop three

14.05 Workshop four

15:15 Evaluation and feedback

Other Information

- Initially we are limiting places to 10 students per school
- Students will need to bring a packed lunch
- Lunch will be provided for staff
- We can arrange minibus parking if required. Please email liz.price@wlv.ac.uk to arrange this.

Cost

This event is provided free of charge.

Key Facts

Event ref:	#5114
Curriculum focus:	11-16 maths
Mathematical focus:	Problem solving
Event format:	Conference
Event length:	1 day
Region:	West Midlands
Venue:	City Campus, University of Wolverhampton, Wulfruna street, Wolverhampton, WV1 1LY
Date:	Mon 17th Dec 2018
Start time:	09:30

Registration

For more information, or to register for this event, please visit <https://amsp.org.uk/events/details/5114>