

Year 13 Problem Solving Day

A free event for students and teachers

- Date:** Tuesday 18th October 2016
- Time:** 10:00am to 3:30pm (first session starts at 10:30am, lunch provided)
- Venue:** Green Lane Conference Centre
Lancaster House Hotel (next to Lancaster University)
Green Lane
Lancaster
LA1 4GJ
- Presenters:** Mike Baxter, Sam Dean and James Groves
- Aims:** The day will:
- help students to develop and enhance their problem-solving skills;
 - familiarise students with the types of problems typically found on advanced mathematics papers such as STEP, AEA, the Oxford MAT and the Test of Maths for University Admission;
 - develop teachers' abilities to help their students with these issues;
 - provide suggestions for suitable teaching resources.
- Suitability:** 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.
- Draft programme:** 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 form and style of the STEP, AEA, Oxford MAT and Test of Maths for University Admission papers;
 - A session for all on different approaches to solving difficult mathematical problems.
- Cost:** The event is **FREE** to all students and teachers, but there will be a maximum of **EIGHT** students from each school or college.

To book a place on this course, please complete the online booking form at: <https://goo.gl/forms/eAGoTVTgbgqRXO212>

If your server blocks shortened URLs, try the long version:

https://docs.google.com/forms/d/e/1FAIpQLSemojO_JagADs4wQoOaUOy2oZAB-zeLxrA_6qx7BnSoahlZNw/viewform

For course enquiries, please contact James Groves on: 01524 592378, 07890 565385 or j.groves@lancaster.ac.uk

For more information about the Further Maths Support Programme, please visit: www.furthermaths.org.uk