



Year 12 Problem Solving Day



A free event for students and teachers

- Date:** Thursday 30th November 2017
- Time:** 10:00am to 3:30pm (first session starts at 10:30am, lunch provided)
- Venue:** Training Rooms
Green Lane Conference Centre
Lancaster House Hotel
next to Lancaster University
Lancaster
LA1 4GJ
- Presenters:** **Mike Baxter, James Groves and Bob Summers**
- Aims:** The day will:
- introduce Year 12 students to problem-solving skills;
 - give students the opportunity to try out a range of problems;
 - develop teachers' abilities to help their students with "tricky" problems;
 - provide suggestions for suitable teaching resources.
- Suitability:** This event is ideal for Year 12 students who are thinking of applying to study mathematics, engineering or related university courses and wish to develop their problem-solving skills.
- 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 "stand-up maths" session for students;
 - A session for teachers on the role of problem-solving in advanced mathematics;
 - A session for all on different approaches to solving difficult mathematical problems.
- Cost:** **The event is FREE to all students and teachers.**

To book a place on this course, please complete the online booking form at: <https://goo.gl/forms/tzUTZ1SR1fdSSo4j1>

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

<https://docs.google.com/forms/d/e/1FAIpQLSfto36aJNRh88BMM0WG2g7IYW5bXXA5crDwNS6juI9Meh1Btg/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