

Developing problem-solving in Year 12 mathematics

A free event for students and teachers

Date: Tuesday 14th March 2017

Time: 10:00am to 3:30pm (first session starts at 10:30am, lunch provided)

Venue: County South Private Dining Room
County South
University of Lancaster
LA1 4YD

The PDR is in building number 18 on the campus map:

<http://www.lancaster.ac.uk/contact-and-getting-here/maps-and-travel/maps/>

Presenters: **Mike Baxter, Sam Dean, Bob Summers and James Groves**

Aims: The day will:

- Develop and enhance students' and teachers' understanding of problem-solving;
- Give teachers the opportunity to work with their students on complex problems;
- Introduce students and teachers to solving complex real-life problems;
- Provide suggestions for suitable teaching resources.

The day will include:

- A discussion of ways in which mathematics can solve real contemporary problems;
- A session for students on problem-solving in real life, the skills involved and how they might develop these skills;
- A session to try different problems set in real contexts.

Suitability: This event is ideal for Year 12 students who are thinking of applying to study mathematics, engineering or related university courses. Teachers with students who are preparing to apply for such courses will find this course helpful. The style is similar to the Year 12 problem-solving events put on by the FMSP in November, but there's no overlap in content, and those who enjoyed the November problem-solving day should find this day enjoyable.

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/DLSE3gYABxgLLrJn1>

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

<https://docs.google.com/forms/d/e/1FAIpQLSegucCMKXWG4WIbvHyq6jrJAhIvpr7FLrPXWVdT6-7I0ycw/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