

Developing problem-solving in Year 13 mathematics

A free event for students and teachers

Date: Thursday 25th January 2018

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, 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;
- Provide suggestions for suitable teaching resources.

Suitability: This event is ideal for Year 13 students who are applying to study mathematics, engineering or related university courses. Teachers with students who are applying for such courses will find this course helpful. The style is similar to the Year 13 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.

Suitability: You should consider sending:

- Year 13 students who plan to read mathematics, or a related subject, at university;
- Year 13 students who you think would benefit from spending a day solving problems;
- Year 13 students whose offers either require, or encourage, STEP and/or AEA;
- Teachers who are looking to enhance the problem-solving support they offer students.

What are STEP and AEA? Increasing numbers of universities are asking or encouraging their applicants for mathematics degrees to sit one or more of the Sixth Term Examination Papers (STEP) in Mathematics and/or the Advanced Extension Award (AEA) in Mathematics. Your brighter mathematics students may ask to sit STEP or AEA even if their offer doesn't require this, as the papers are excellent preparation for university-level mathematics.

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/m1oVL1AGdIOMoWNb2>

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

<https://docs.google.com/forms/d/e/1FAIpQLSfdvem1ziEfQ1TImxJEGoUwg11LV5b3YFsjrvyxag74C9xbJA/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