

Date	Thursday 26 th April 2018
Time	10:00am to 3:30pm (first session starts at 10:30am – lunch is provided)
Venue	County South Private Dining Room Lancaster University 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, James Groves and Bob Summers**

Aims The day is principally intended for students who will be taking STEP and/or AEA exams in summer 2018. Students can come unaccompanied but teachers may also find the day useful. It will:

- enable students and staff to work collaboratively on STEP and AEA questions;
- develop and practise the skills needed to tackle STEP and AEA questions effectively;
- spend time focusing on specific STEP and AEA questions, covering pure mathematics, mechanics and statistics;
- encourage creativity in mathematics.

The rise of STEP Increasing numbers of universities are asking 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.

These universities include: Bath; Bristol; Cambridge; King's College London; Loughborough; University College London; and Warwick.

Many other universities, including Lancaster and York, encourage their applicants for mathematics to consider sitting STEP or AEA. In the event that an applicant narrowly misses their stated offer, a pass in STEP or AEA makes it highly likely that the university will admit them in any case.

Who should attend? *You should definitely send any Year 13 students whose conditional offers either require, or encourage, STEP and/or AEA. In addition, think about sending:*

- Year 13 students who plan to read mathematics, or a related subject, at university – studying STEP or AEA questions will be excellent preparation for this;
- Year 13 students who you think would benefit from spending a day solving problems;
- Teachers at schools/colleges that do not offer STEP and/or AEA support, but would like to;
- Teachers who are looking to enhance the STEP and/or AEA support they offer students.

Students do not need to be accompanied by a teacher, but we would encourage teachers to accompany their students if possible.

Cost The event is **FREE to all students and their teachers.**

To book a place on this course, please complete the online booking form at: <https://goo.gl/forms/gg3cCcnMBmoSJgIw2>

If this shortened URL is blocked, try the long version at:

<https://docs.google.com/forms/d/e/1FAIpQLSchCXdfAcezT4FHN0cpV0nb0RKnyzpm7xkyYnvMJmd-xHi0g/viewform>

For course enquiries, contact James Groves on jamesgroves@furthermaths.org.uk, 01524 592378 or 07890 565385.