

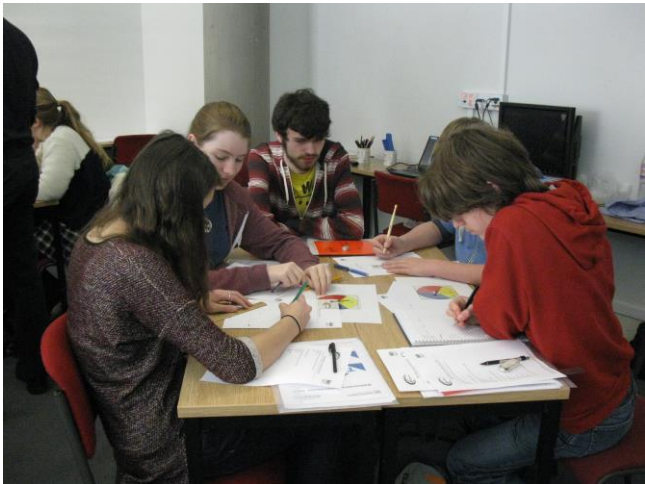
The Further Mathematics Support Programme

Student-Teacher Problem Solving Conference

A one-day conference for sixth form students and their teachers designed to improve problem solving skills, and to give confidence in solving mathematical problems.

Venue Richmond Building, University of Bradford, BD7 1DP

Date 7th July 2017, 09.30 – 15.30



Who is the conference for?

The conference is aimed at Y12 students who are likely to study Mathematics at University. It will be of particular interest to those who:

- are likely to be invited to a selection interview
- have qualified for BMO1 (the UKMT follow-up round to the Senior Maths Challenge)
- will be taking STEP
- will be taking AEA
- will be taking the MAT examination for entrance to Oxford University or Imperial College, London

Teachers are invited to attend and will have the opportunity to attend their own professional development session as well as working through problems with their students.

Conference aims

- To familiarise teachers with problem solving resources to use with students alongside the AS/A2 mathematics curriculum.
- To help students to develop their problem solving skills and presentation of solutions.
- To provide teachers with an opportunity to think about and discuss supporting students to develop their problem solving skills.
- To give teachers and students an introduction to the style and range of problems to be found in the STEP/AEA/MAT examinations.

Timetable for the day:

09:30 Arrival, registration and refreshments
10.00 Welcome
10:30 The problem solving mindset
11.00 Workshop
11.30 Break
11.45 Separate activities for teachers and students
12:40 Lunch
13.20 Separate activities for teachers and students
14.15 Break
14:25 Working on problems
15.20 Plenary
15.30 Close

Venue: Richmond Building, University of Bradford, BD7 1DP

Event fees

Up to five students and one teacher can attend from each school.
The event is free for student / teachers from state funded schools.

For a booking form email:

rajkumar@furthermaths.org.uk