

The Further Mathematics Support Programme

Supporting students with STEP and AEA Mathematics

POSTPONED TO SUMMER 2018

A one day course focusing on the development of problem-solving skills at Key Stage 5 and strategies for preparing students for the STEP and AEA examinations.



This course will be of interest to any teachers who are interested in developing their deeper mathematical problem-solving skills.

The focus for this will be the Sixth Term Examination Paper (STEP) and Advanced Extension Award (AEA) mathematics examinations but the course will include materials suitable for use in general classes.

Course Outline

Aims:

- To give information about the STEP and AEA examinations themselves.
- To provide teachers with an opportunity to think about, discuss and hear others' experiences of supporting students to develop their problem-solving skills.
- To give teachers' time to work on problems themselves in order to gain insight into the challenges of supporting students to develop these skills.
- To introduce teachers to useful resources to use with students and advice on how to set up problem-solving support in their own school/college.
- To provide information about organisations that support students in preparing for STEP and AEA examinations.

Timetable:

09:30	Registration and refreshments
10:00	Information about STEP and AEA mathematics examinations.
10:30	The problem solving mindset
11:00	Refreshments
11.15	Hands on with AEA problems
12.15	Lunch
13:00	Getting students started – initial problems
13.30	Hands on with STEP problems
15:00	Setting up STEP/AEA support
15.30	End

Course Leaders



Patrick Cobb

FMSP Area Coordinator



Ben Sparks

FMSP/University of Bath