

## The Further Mathematics Support Programme

# Supporting students with problem solving for university applications

A one day course focusing on the development of problem-solving skills in year 12 students and preparation strategies for the MAT and TMUA examinations.

At: **University of Bristol**

Date: **Wednesday 5<sup>th</sup> July 2017, 09:30 – 15:30**



This course will be of interest to any teachers who are interested in developing the deeper mathematical problem-solving skills in their students that are necessary for success in university admissions examinations.

The focus for this will be the Mathematics Admissions Test (MAT) and the Test of Mathematics for University Admissions (TMUA) examinations but the course will include materials suitable for use in general classes.

## Course Outline

### Aims:

- To give information about the MAT and TMUA 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 the MAT and TMUA examinations.

### **Timetable:**

09:30	Registration and refreshments
10:00	Information about MAT and TMUA examinations.
10:45	Developing a problem solving mindset
11:15	Refreshments
11.30	Hands on with TMUA problems
12.30	Lunch
13:15	Getting students started – initial problems
13.45	Hands on with MAT problems
15:00	Setting up MAT/TMUA support
15.30	End

### **Course Leader**



Phil Chaffé,

FMSP Central Team

**Venue:** University of Bristol, Bristol, BS8 1JA

### **Course/event fees and application:**

Fees for this course/event are £50 per teacher. Please complete the booking form before the closing date, Wednesday 21<sup>st</sup> June 2017.

Teachers in state funded schools or colleges will be given priority if the course is filled before the closing date. Teachers in independent schools may apply by the same form and places will be confirmed on 21<sup>st</sup> June.

Places for PGCE students are free of charge thanks to support from the University of Bristol.

To apply, please complete the online form at: <https://goo.gl/forms/iKdeONagyBVJAYOA3>

### **Further information**

For more information email:

[patcobb@furthermaths.org.uk](mailto:patcobb@furthermaths.org.uk)