The Further Mathematics Support Programme

Reasoning, Extending and Problem Solving with 11-16 students

Professional development for secondary school Mathematics teachers

Starting Autumn term 2017

This free course includes:

- Three separate course days
- Access to teaching resources for and activities
- Funding to enable teachers to attend
- Access to an online community

Feedback from previous courses

"Very engaging and 'hands-on' in nature" *(Southend)*

 "This was the best CPD I have ever had" *(Newcastle)*

A new three-day course focusing on reasoning, extension and problem solving materials enabling mathematics teachers to stretch and challenge mathematics students.

Course aims

Tailored to the secondary curriculum, this course aims to:

- Share ideas and strategies for developing reasoning, extending students' knowledge and supporting problem solving skills
- Provide support in developing the professional practice of the teachers attending
- Prepare participating teachers for working with colleagues

Venue	Day 1	Day 2	Day 3
Blackpool	*23rd November 2017*	*31st January 2018*	*8th May 2018*
Doncaster	*4th December 2017*	*25th January 2018*	*11th May 2018*
Keele	*1st November 2017*	*16th February 2018*	*9th July 2018*
Norwich	*30th October 2017*	*2nd February 2018*	*3rd July 2018*

Draft Timetable

(Please note that the timings of sessions are subject to change)

09:30 Arrival

10:00 Welcome to the course

10:30 What is a Problem?

11:30 Break

11:45 Reasoning or Problem Solving?

12:30 Lunch

13:15 Using 9-pin boards

14:45 Break

15:00 Preparing for Gap task 1

15:30 Next Steps

15:45 Close

Funding

This free course is offered to those teaching Mathematics to students in state-funded secondary schools, colleges and academies.

Participants' schools can claim £360 per teacher to enable attendance.

A maximum of two teachers per school may attend, and both will be eligible for funding.

Apply online

Further information

More details about these courses can be found at:

http://www.furthermaths.org.uk/ks4eande