

Live Online Professional Development in Mathematics

*A range of courses to enable teachers to teach A level Mathematics,
A level Further Mathematics with confidence.*

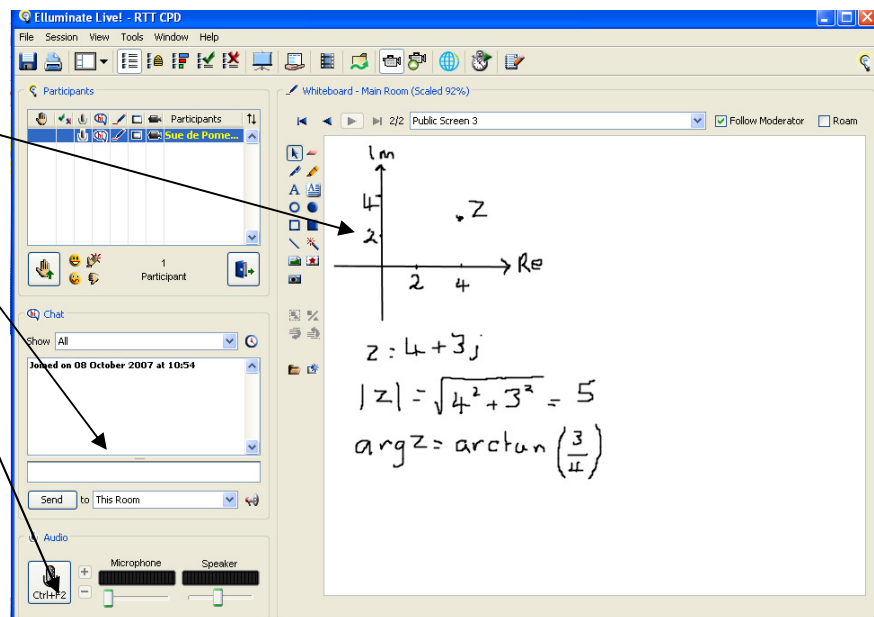
A modern approach to professional development; rather than attending a one or two day course, delegates meet weekly for live, interactive online sessions with a tutor and a small group of teachers.

These courses focus on developing subject knowledge and discussing approaches to teaching.

How does the live online tutoring work?

We use a web-based facility which is easy to use and allows a tutor and delegates to communicate live online using audio, handwriting on a shared virtual whiteboard and instant messaging via the internet.

- Shared whiteboard
- Instant messaging
- Audio conferencing
- Application sharing



This equipment is readily available to purchase on the high street or from online retailers for about £40

What you need to participate

- A broadband internet connection
- A recent version of Java (free to download)
- A headset for communication
- A graphics tablet and pen

Spring 2012 – MEI Decision Maths 2

Cost £175

Deadline for applications: Friday 27th January 2012

Course Structure:

This course is specifically for teachers following the MEI(OCR) exam specification. The four exam specifications for D2 cover several different topics. This course only considers topics required for D2 MEI(OCR). Please note there is different online course for teachers who are using Edexcel, OCR or AQA specifications to teach D2.

DATE	TIME	TOPIC
Tuesday 7 th February	1630 - 1730	Introduction to the online classroom and the Integralmaths.org resources
Tuesday 28 th February	1630 –1800	Cycles in networks
Tuesday 6 th March	1630 –1800	Floyd's algorithm
Tuesday 13 th March	1630 –1800	Linear Programming: the simplex tableau
Tuesday 20 th March	1630 –1800	Linear Programming: two stage simplex and the big M
Tuesday 27 th March	1630 –1800	Decision Analysis
Tuesday 24 th April	1630 –1800	Logic and Boolean algebra
Tuesday 8 th May	1630 - 1800	<i>Exam questions and advice from the examiner</i>
Tuesday 15 th May	1630 - 1800	<i>Optional Resource sharing session: This is an opportunity to share resources and ideas in preparation for teaching topics from the course</i>

Please note this schedule is provisional and may be subject to minor changes

All participants will receive

- Access to online resources for D2 (MEI) from Integralmaths.org
- Course delegates will be issued with a username and password to access an online forum which is for all teachers taking LOPD courses; this can be used to access ongoing support from other course delegates and LOPD tutors.
- Email support from a course tutor
- Certificate of attendance

For further information and an application form visit:

http://www.furthermaths.org.uk/teacher_area/rpd.php

Enquiries: LOPD@furthermaths.org.uk