

Live Online Professional Development in Mathematics

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

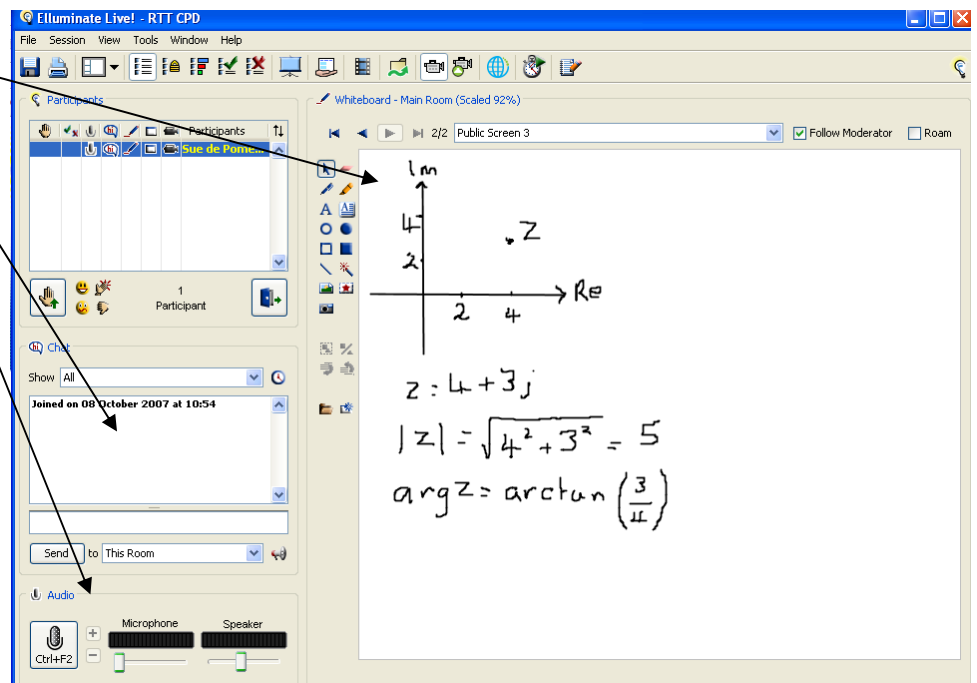
A modern approach to professional development; rather than attending a one or two day course, delegates meet weekly for live, interactive online sessions with a tutor and a small group of teachers.

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

Autumn 2010: AS Core Mathematics

Cost £175

Deadline for applications: **Friday 1st October 2010**

Course Structure

The course will consist of

- An introductory session to ensure that participants are familiar with the functionality of the online facility and the online resources available.
- Eight 60 – 90 minute live online sessions led by a tutor
- An optional session to share resources

DATE	TIME	TOPIC
Wed 13 th October	16.30 - 17.30	Introduction to the online facility and MEI resources
Wed 3 rd November	16.30 – 18.00	1. Algebra: quadratics, indices, surds.
Wed 10 th November	16.30 – 18.00	2. Coordinate Geometry
Wed 17 th November	16.30 – 18.00	3. Polynomials
Wed 24 th November	16.30 – 18.00	4. Sequences and Series
Wed 1 st December	16.30 – 18.00	5. Calculus: Differentiation
Wed 8 th December	16.30 – 18.00	6. Calculus: Integration
Wed 15 th December	16.30 – 18.00	7. Trigonometry
Wed 12 th January	16.30 – 18.30	8. Logarithms and Exponentials
Wed 19 th January	16.30 – 18.30	Resource sharing (optional)

All participants will receive

- Individual access to C1 & C2 online resources for teaching and learning compiled by MEI (access granted for the duration of the course)
- Email support from a course tutor

For Optional Certification

If participants wish to receive a certificate at the end of the course they will be required to create and submit a resource that can be used for teaching a topic from the module. There is also an opportunity at the end of the course to take part in an online session to share and present the resource with other course participants.

Further information and an application form visit:

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

Enquiries: sharontripconey@furthermaths.org.uk