

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.

The online sessions aim both to cover subject content common to all current specifications and to facilitate the exchange of teaching ideas. These courses are ideal for teachers who have never taught the mathematical content of a course before or for teachers who simply wish to refresh their subject knowledge.

How does the live online interaction work?

Currently we use a web-based facility which 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 download)
- A headset for communication
- A graphics tablet and pen

Each course content covers topics from the AQA, MEI, OCR, and Edexcel specifications

Course Structure

- An introductory session to ensure participants are familiar with the functionality of the online facility
- Taught interactive sessions
- Optional resource sharing session (long courses only)

All participants will receive

- Approximately five hours (short course) or ten hours (long course) 'online' contact time with other delegates and the course tutor
- A course handbook
- Access to the MEI online resources for the module / topic being studied
- Email support from a course tutor

Some of the LOPD courses available:

Long courses (10 hours)

Further Pure Mathematics 1
Mechanics 1
Mechanics 2
Decision Mathematics 1
Decision Mathematics 2
Statistics 1
Statistics 2
AS Core Mathematics
A2 Core Mathematics
Mathematics for the Level 3
Engineering Diploma

Short courses (5 hours)

Complex Numbers for Further Maths
Vectors for Further Maths
Matrices for Further Maths
Group Theory for Further Maths
Differential Equations
Further Calculus & Hyperbolic Functions
Polar Curves & Power Series
Topics for I.B. Mathematics

If you are interested in the LOPD programme, please contact Sharon Tripcone
sharontripcone@furthermaths.org.uk

For further information including dates of specific LOPD courses please check the CPD and Teacher support web link which can be found by visiting:

www.furthermaths.org.uk