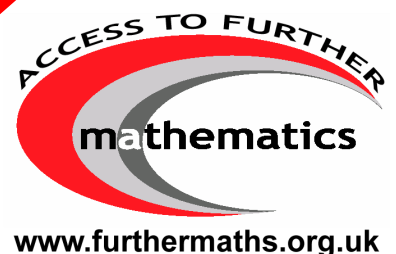


# Professional Development from the Further Mathematics Support Programme



**Supporting teachers of  
Further Mathematics  
and Level 3 Diplomas**



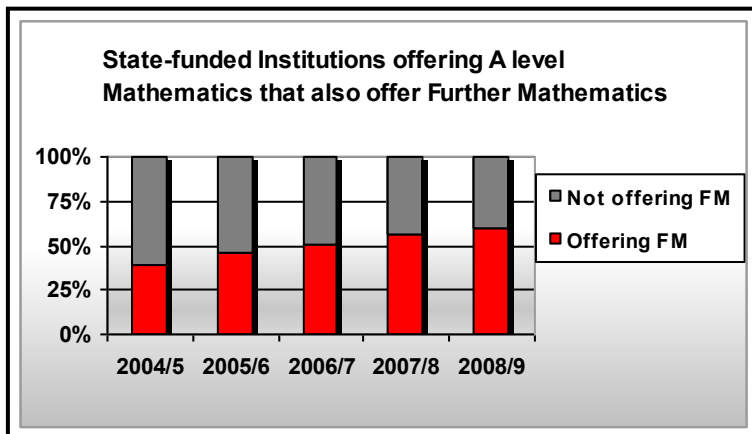
## Most schools and colleges now offer Further Mathematics

The number of students wanting the opportunity to study Further Mathematics is increasing dramatically. Numbers at A level have more than doubled to over 11 000 in the past five years.

*"An important post-16 success story has been the growth of Further Mathematics."*  
**Mathematics: Understanding the score, Ofsted**

The majority of post-16 state-funded schools and colleges offering A level Mathematics now also offer their students the opportunity to study Further Mathematics.

There is an increasing demand for teachers who have the subject knowledge and skills to teach mathematics at this level.



## Do you want to improve your subject knowledge and skills so that you can teach Further Mathematics with confidence?

The Further Mathematics Support Programme (FMSP) can help you. We provide a variety of professional development courses and follow-up support to suit your needs.



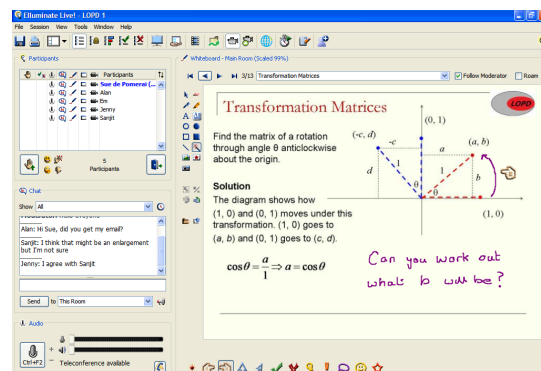
### FMSP CPD courses in your area

Throughout the year, in each region of England, several one day courses are offered on aspects of A level Further Mathematics or level 3 diplomas. These are advertised on the FMSP website.

FMSP Area Co-ordinators can give you advice on teaching and learning, and provide details of CPD opportunities available in your area. They are also available to discuss any particular professional development you may need.

### Live Online Professional Development (LOPD)

LOPD is an innovative approach to professional development. Rather than attending a one or two day course, delegates meet weekly over 4-10 weeks for live, interactive online sessions with a tutor and a small group of teachers. These courses are ideal for teachers who are unable to take time out of school. Sessions are delivered using a facility which allows a tutor and delegates to communicate live online using audio and handwriting on a shared virtual whiteboard and instant messaging. They cover common subject content and facilitate the exchange of teaching ideas.



*"This is not a passive learning experience – you have to join in with key questions, which can be fun and scary!"* **LOPD participant**

### Teaching Further Mathematics

TFM is a 14 month programme which covers the material in the Further Pure Mathematics modules of the four English examination specifications. Particular emphasis is placed on expanding the participants' mathematical horizons and giving them a deeper understanding of the links within mathematics. The course starts in July each year, and course information will be available on the FMSP website from February. TFM can contribute to a Postgraduate Certificate in Education through the University of Warwick.



*"I am much impressed by the quality of the web resources, textbooks and lecturers. The lecturers have been most encouraging and supportive. I would strongly recommend this course to other mathematics teachers."* **TFM participant**

## All FMSP courses cover topics from AQA, Edexcel, OCR and OCR (MEI) Further Mathematics specifications

### What the teachers say...

*"The web resources are very good and extremely useful."*

*"I enjoyed the sessions – thank you. The tutors were reassuring, confident and humorous – essential!"*

*"The course has been of great use to me. I have found that it has improved my confidence massively."*

*"I thoroughly enjoyed being able to do some maths and tie this in with teaching ideas."*

*"A fantastic day - it was nice to spend a day on maths with like-minded people."*

### If you are already teaching Further Mathematics

The Further Mathematics Support Programme can provide:

- advice on ways of delivering Further Mathematics
- professional development courses and follow-up support to suit your needs
- help to establish collaboration with other schools and colleges
- free access to extensive online teaching and learning resources which:
  - cover AS/A2 applied mathematics and further mathematics units
  - include teachers' notes and a range of interactive materials that can be used to support teaching and learning



For more information and details of available resources see [www.furthermaths.org.uk/resources.php](http://www.furthermaths.org.uk/resources.php)

### What is the Further Mathematics Support Programme?

The Further Mathematics Support Programme is funded by the Department for Education (DfE) and aims to ensure that every student in England can access AS/A level Further Mathematics qualifications.

The FMSP also aims to inspire interest in mathematics in younger students and support year 11 students in making informed decisions about which subjects to study at AS/A level.



The FMSP encourages all colleges and post-16 schools to deliver Further Mathematics tuition, either themselves or in collaboration with other local schools and colleges. Where it is not practical for a school or college to deliver Further Mathematics tuition, the FMSP can provide flexible tuition, with classes in schools, colleges, universities and online.



The National Centre for Excellence in the Teaching of Mathematics (NCETM) is our partner in CPD provision.

Working with the NCETM, the FMSP provides high quality professional development with follow-up support networks to help more teachers to teach Further Mathematics.

To find out more about the FMSP visit our website at [www.furthermaths.org.uk](http://www.furthermaths.org.uk)

**The FMSP also provides support for level 3 mathematics within Diplomas**

# Find out about FMSP Professional Development

Just visit our website at [www.furthermaths.org.uk/cpd.php](http://www.furthermaths.org.uk/cpd.php)

**Further Mathematics Support**  
Let Maths take you Further...

Welcome to furthermaths.org.uk

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- Tuition
- Revision events
- Enrichment
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- Site Map
- Online Resources
- Log In and Information

**CPD**

- Professional development
- Live online PD
- TFM
- Diploma support

**Click here to access the FMSP teacher area.**

**Click here for information about CPD and teacher support.**

**ACCESS TO FURTHER mathematics**

Enabling more teachers to teach Further Maths and level 3 Maths within diplomas

**Popular Pages**

- What is Further Mathematics?
- Supporting FM tuition
- CPD and Teacher support
- Senior Team Maths Challenge 2010/11
- Key Stage 4 Enrichment
- Diploma Support
- Revision days

**Topical items**

Further Mathematics in university entrance requirements

**Register**

**Find us online**

- facebook
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**FM Support Programme news**

- November 2010: MA Statement on Early Entry for GCSE
- November 2010: 13th IMA Early Career Mathematicians Conference
- October 2010: International Millenium Youth Camp, Finland
- October 2010: Issue 3 of FMSP Newsletter now available
- October 2010: STEP/AEA Online Tuition

**FMSRP Regional Contacts**

Please select a region

**FMSRP Staff Area**

Log In

**Further Mathematics Support**  
Let Maths take you Further...

**Professional development and support for teachers**

**Professional development for teachers through the Further Mathematics Support Programme**

A key aim of the Further Mathematics Support Programme is to contribute to the continuing professional development of mathematics teachers. There is a range of training being offered by the FMSP supported by your local Area Coordinator.

- There will be courses for A level Maths and Further Maths and support for those teaching level 3 Diplomas in your area.
- In some areas the FMSP will collaborate with CPD provision offered by local Universities.
- There are a range of courses being offered through the live on-line professional development programme using Elluminate.
- Many teachers have found that attending FMSP revision days is an excellent way to gain an overview of an A level Mathematics or Further Mathematics module.
- For details on CPD events being held in your area, please see below.

**Click here to see an example of a LOPD session**

**Local CPD events**

Please see the appropriate regional events page:

- East of England
- East Midlands
- London
- North East
- North West
- South East
- South West
- West Midlands
- Yorkshire and the Humber

**LOPD Example**

Click **here** to see an extract from a LOPD Further Pure session. (Please note: in order to view this you will need to have a recent version of Java installed on your computer)

**Getting involved**

If you would like more information about PD and the FMSP please contact Sue de Pomerai: [suedepomerai@furthermaths.org.uk](mailto:suedepomerai@furthermaths.org.uk)

**Collaboration**

**Follow these links to find out more about the courses on offer**

**Live online professional development for teachers through the FMSP**

Live online professional development (LOPD) using Elluminate

LOPD courses are on-line, live and interactive. They are designed to enable teachers to teach A level Mathematics and A level Further Mathematics with confidence.

For more information about this innovative and exciting new way of accessing professional development click here: [information about LOPD](#)