

Would you like to learn about teaching Further Maths?

Join the West Midlands Further Maths online support group.

Who can join?

The support group is for any teacher who would like to be able to offer Further Maths as part of their professional profile but is unable to gain experience of teaching it in their school.

We would also welcome current teachers of Further Maths who would like to exchange teaching ideas and experience.



What is the time commitment?



The live online session for the support group will take between 7.30 and 8.30 every Monday evening during term time. Any other time commitment is entirely up to you. You may wish to only participate in the session each Monday but if you wish to do more, you can. Extra sessions, either individual or group, can be arranged on request.

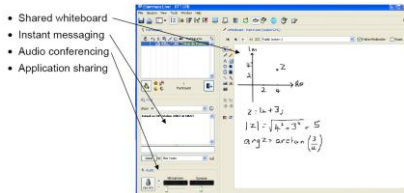
What do you need?

The live online session requires a computer with a broadband internet connection, a recent version of Java (free to download <http://www.java.com/en/download/index.jsp>) and a headset with a microphone. A graphics tablet and pen are desirable as they would allow you to annotate on the screen.



Headsets can usually be borrowed from schools. Graphics tablets and pens can be purchased for £25 or more (PC World online price).

How does the live online session work?



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

Sessions are recorded and can be viewed again at a later date.

How much does it cost?

The first 2 sessions are free 'taster' sessions. If you wish to continue, the cost of joining the group is £50 per person or £200 per department which will cover running costs and materials produced for the group for two terms from January 2010.

How do you join?

Contact

Phil Chaffé by email PhilChaffe@furthermaths.org.uk



An example of the meeting programme

The initial meeting programme will follow this structure.

The programme starts with FP1 but the order will be flexible thereafter and can be adjusted to suit the group.

Some topics will continue for more than one week.

The programme is not exam board specific.

Future modules include FP2, M2, D1, S2 and Numerical Methods.

An introduction to using Elluminate

FP1 Complex Numbers

FP1 Matrices

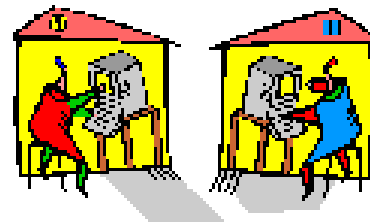
FP1 Graphs and inequalities

FP1 An introduction to conic sections

FP1 Roots of equations

FP1 Proof by induction

FP1 Summation of series



The Further Maths Support Programme

The Further Mathematics Support Programme (FMSP) is a government-funded initiative. It is managed by MEI, an independent educational charity.

The FMSP has 20 Area Coordinators across the 9 government regions, covering the whole of England. The Area Coordinators are expert in teaching and learning mathematics at this level and experienced at working with mathematics teachers. The Area Coordinators work with schools and colleges to support and promote the study of AS/A level Mathematics and Further Mathematics and to arrange Further Mathematics tuition for students when their schools and colleges cannot provide it themselves.

The West Midland Area Coordinators



Adam Boddison is the West Midlands (South) Area Coordinator of the Further Mathematics Support Programme and is based at the University of Warwick. He has taught mathematics at both primary and secondary level and has a keen interest in how technology can impact on pedagogy, with particular experience in the use of remote learning technologies, such as video conferencing. Adam is qualified as a clinical hypnotherapist and uses NLP techniques and mathematics as a basis to perform psychological illusions with the aim of engaging young people to enjoy mathematics. Adam has also worked as a mathematics consultant with the Black Country Challenge and with Creative Partnerships and is currently teaching mathematics, including Further Mathematics, STEP and AEA, as well as offering enrichment and CPD opportunities to teachers and students across the West Midlands.



Phil Chaffé is the West Midlands (North) Area Coordinator of the Further Mathematics Support Programme and is based at the Kingston Centre in Stafford. He has a wide experience of teaching post 16 level students having covered modules in all disciplines of AS and A2 Mathematics as well as preparing students for STEP papers. He is experienced and knowledgeable about current initiatives in post 16 mathematics and is well placed to discuss the implications for teaching and learning. Phil has worked in Staffordshire for 15 years; 9 of which as head of mathematics at King Edward VI School in Lichfield.



Martyn Parker is the West Midlands (Central) Area Coordinator of the Further Mathematics Support Programme and is based at Wolverhampton University. Before working for the Further Mathematics Support Programme Martyn was a research mathematician at the University of Warwick looking at the mathematics of animal locomotion, why the Earth's magnetic fields keep on switching and how a leech heart works. Martyn was a course leader for NAGTY's summer mathematics courses. He currently teaches mathematics and further mathematics across the Black Country and Birmingham.

The online support group is not a training course.

If you wish for more specific training in teaching aspects of Further Mathematics, the FMSP provides several CPD courses http://www.furthermaths.org.uk/teacher_area/cpd.php