

SYMh Post 16 & KS5 Update

September 2017

Welcome back, I hope you all had a restful summer break.

The FMSP focus this year will be ensuring schools have all they need to start the new A level courses and to support any school wishing to provide opportunity for their students to access both A level and Further Maths. This is particularly the case if schools who have previously offered Further Maths find themselves unable to do so perhaps because of falling numbers or pressure from senior staff.

If this is the case with your school and pupils are in danger of missing out please do not hesitate to get in touch, we are able to offer various ways of support.

Ensuring that all students who could benefit from studying Further Mathematics have the opportunity to do so



*As always I am available to discuss your needs face to face and can provide advice around how your school can access any DfE funded support you may be entitled to.
Best wishes.*

Pete

petesides@furthermaths.org.uk

Videos for Further Maths

From September 2017 FMSP will replace the Live Interactive Lectures for FM with collections of short pre-recorded videos. There will be around 4-5 videos of 5-10 minutes in length for each section in Integral. The intention of these videos is that they are sufficient to introduce the concepts so you students can learn the material for the topic by working through appropriate examples. The videos will be distributed via Integral and be freely available to registered schools.



FMSP are also currently planning videos to support the following routes through AS Further Mathematics in 2017-18: [See further details on the FMSP website](#)

Line Online Tuition for the new Further Maths A level

Courses offered will be the same as the FM videos: Group sizes of 4-7. There will be approximately 28 weekly tutorials complementing around 20 hours of videos. £350 per student for a full AS (or “A2” course in 2018-19).

Face-to-face: the FMSP will help to provide a tutor to teach the students at their own school/college. There is a fixed cost for the tutor depending on the number of hours agreed (e.g. £1600: 28 hours support).

Centre-based tuition: the FMSP can look to support students from a variety of schools/colleges at a central venue. The cost would be £350 per student and the number of hours will depend on how many students enrol. We would expect at least 5 students for this to be viable.

In addition to this access to the FM Video+ accounts whereby the students get a full FM Integral account will cost £30 and can arranged via the FMSP office

Further Maths – schemes of work

The FMSP website has been updated to include some new documents.
furthermaths.org.uk/2017-fm.

Local Network meetings

Following the successful network meetings in the summer term, we are planning to hold termly network meetings in each of the Rotherham, Doncaster regions. There will be a rolling programme of areas of focus and it is anticipated each term there will be a session addressing Core, Statistics & Mechanics in turn.

Maths Hub work groups

There are plans for three maths hub work groups that will focus on the post 16 agenda in 2017/8. These are

- development of the use of technology
- collaborative planning around GCSE resits
- Core Maths teacher network

More details to follow, but if you would like to register an interest in any of these contact Pete and he will ensure you get sent details as soon as they are confirmed.



The
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Of
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Student enrichment

There will be continued support for student enrichment and extension activities both available in school and at centres such as the STEP preparation and problem solving at the University of Sheffield as well as the Senior Team Challenge run by the UKMT. For more details click on the appropriate logos



NRICH materials

Did you know NRICH has now updated their site for the new curriculum? They have also produced a KS5 curriculum mapping document similar to the KS3/4 one, which is described as a 'work in progress'. <https://nrich.maths.org/9088>

And don't forget the KS5 STEM materials here: <http://nrich.maths.org/6298>

South Yorkshire Maths Hub Post 16 Update
Past copies of Update can be uploaded from the SYMH website [newsletter page](#).
SYMH Administrator Patricia Parish can be contacted at admin@symathshub.org.uk