

## **SYMh Post 16 & KS5 Update**

**November 2017**

*A reminder that there is a focus each month listed on the FMSP website where you can find timely useful information*

- October 2017: **Sixth Form Open Evenings**
- September 2017: **Support for students**

*This month in addition to bringing your attention to the [extended courses available through FMSP](#) there are also opportunities to engage with local teachers in Maths Hub work groups. The most relevant of these for A level & Further Maths teachers may be the [Using Technology](#) work group but there are also collaborative opportunities for [GCSE resit](#) teachers. Additionally there are network opportunities for both A level and Core Maths teachers, see below for further details.*

*Best wishes.*

*Pete*

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## Maths Hub funded work groups

### Using Technology in the classroom (start date 23<sup>rd</sup> Nov Sheffield)

***NB there will be a further Doncaster based cohort later in the year.***

This work group will focus on developing strategies and resources to support teachers at GCSE and beyond to incorporate this aspect into everyday teaching. This will include resource development and trialling ideas out in the classroom followed by collaborative reflection and review. In particular the use of Geogebra as a tool for graphing, geometric modelling and a statistical analysis is investigated.

**[Click here for link to SYMH website and further details](#)**

### Addressing the new GCSE resits (start date 6<sup>th</sup> December)

An opportunity to work with colleagues from schools and colleges to address the issues around students re-taking the new GCSE.

The impact of the new curriculum on existing strategies will be discussed and there will be the opportunity for reflecting and reviewing the issues around successful practices as well as sharing and trialling resources.

**[Click here for link to SYMH website and further details](#)**

## Network Meetings

### A level & Further Maths

There will be a rolling programme of after school meetings (4 – 5.30 pm) each term addressing Core, Statistics & Mechanics in turn.

**[Follow link for more details](#)**

**Wednesday 15th November:** Notre Dame High School: focus Mechanics

**Tuesday 21<sup>st</sup> November:** Wickersley School, Rotherham: focus Statistics

To reserve a place please email [petesides@furthermaths.org.uk](mailto:petesides@furthermaths.org.uk)

### **Core Maths teacher network (first meeting 29<sup>th</sup> Nov)**

The Core Maths teacher network is a local initiative aimed at supporting teachers of Core Maths and encouraging collaboration and dialogue. These half-termly meetings will be held after school (initially at King Egberts, Sheffield) but potentially at venues across the region. The meetings will be facilitated by Andy Barker with the support of our Core Maths expert and Level 3 lead Terry Dawson.

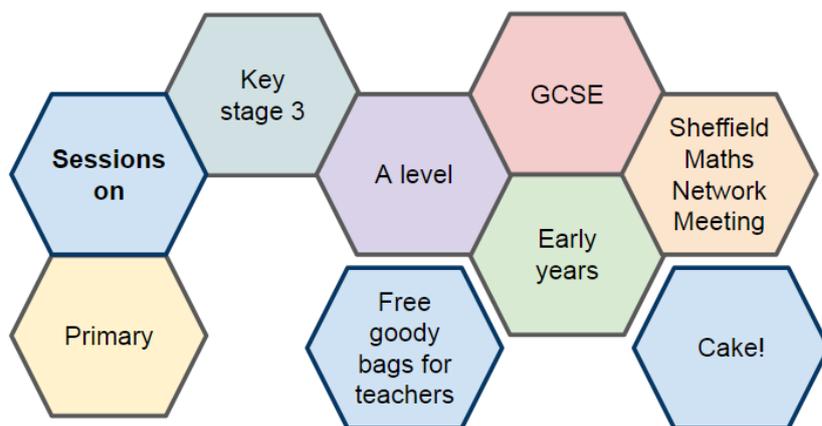
The South Yorkshire Maths Hub will also offer support to schools wishing to find more about Core Maths with a view to offering this new programme of learning to their KS5 students.

[Click here for link to SYMH website and further details](#)

# Sheffield Maths TeachMeet

**Tuesday 28th November 2017** Longley Park 6<sup>th</sup> Form College, Horninglow Road, S5 6SG

A TeachMeet is an organised but informal meeting for teachers to share good practice, practical innovations and personal insights in teaching.



#### **Registration and refreshments from 3:30**

- 4:15-5:00** First session
- 5:15-6:00** Second session
- 6:00** Lightning talks
- 6:30** Finish and off to the pub for some food, puzzles, games and crafts organised by Sheffield Maths Jam

**@LongleyMaths #SheffMathsTM**

Book your place by emailing [Jenny.Hughes@Longleypark.ac.uk](mailto:Jenny.Hughes@Longleypark.ac.uk)

**Underground Maths** free to teachers of A Level Maths in state-funded schools.  
FREE one day course in our area this term, with another planned in the Spring term.

**9<sup>th</sup> November 2017**, at Notre Dame High School, Sheffield S10 3BT

On these days A level Maths teachers will be introduced to the Underground Mathematics online resources, the thinking behind their design and their use in the classroom. Refreshments, lunch and resources are included. Two teachers per school/college are welcome to apply for the course.

[Follow this link](#) for fuller details and to book online.

### **FMSP's Sustained PD courses for A level Maths and Further Maths**

Through continued government funding this year the FMSP is able to offer teachers a generous subsidy\* to cover the fees for our [sustained professional development courses](#). (*course fees reimbursed on completion*)\*

If you, or one of your colleagues, is looking for support to develop subject knowledge and pedagogy for teaching the new A level Mathematics or Further Mathematics specifications then consider applying for a sustained professional development course offered by the FMSP.

**Don't miss out!** Follow [this link to a one-sheet summary](#) containing key facts about all our sustained courses, including the ones which are now taking applications.

- **Teaching Further Mathematics (TFM1)** –starts in January
- **Teaching Mechanics (TM1)** – starts in January
- **Teaching Mechanics (TM2)** – starts in February
- **Teaching Statistics (TS1)** –starts in March
- **Teaching Statistics (TS2)** – starts in March
- **\*NEW\* Teaching Discrete Mathematics (TD)** - starts in January

*\*Teachers working in state-funded schools or colleges in England are eligible for a subsidy to cover their course fee of £300 per unit for TFM, TM, TS or TD which will be reimbursed at the end of the course.*

**UKMT Senior Team Maths Challenge** to book a place for your team [follow this link](#)

There are two heats in the local region this year.

**15 November** University of Sheffield

**23 November** Outwood Adwick Academy

For any queries regarding student enrichment or support with organising your own events please contact Kieren O'Sullivan [kierenosullivan@furthermaths.org.uk](mailto:kierenosullivan@furthermaths.org.uk)

**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](mailto:admin@symathshub.org.uk)**