

# DEVELOPING A LEVEL PEDAGOGY

A project to develop national support for the effective development of pedagogy in the teaching of A level Mathematics

This project provides national support for the effective development of pedagogy in the teaching of A level Mathematics to enhance the quality of teaching and the conceptual understanding of students. Its aim is to develop and sustain regional communities of practice involving collaboration between teachers. The focus is on developing pedagogy in A level Maths teaching, and developing participants as leaders of A level teaching professional development in their own school or college.

This project involves a direct working partnership between the Maths Hubs Network and the Advanced Mathematics Support Programme (AMSP).

## Who can take part?

The project is aimed at schools/colleges/departments that want to develop one or more aspects of their A level pedagogy including use of technology. It would be suitable for existing leaders of A level teaching or experienced teachers of A level Maths who wish to lead the development of pedagogy in A level teaching with other colleagues in their own or other schools/colleges. Teachers who will find this Work Group particularly useful include those who have already completed other A level subject knowledge and pedagogy courses (or similar) and are able to work with other colleagues in their own or other schools/colleges.

## What is involved?

Most Work Groups in the project will have three days (or equivalent) of direct meeting time. However, this may be adapted to suit the needs of the group, and could be three full day face-to-face sessions, six part-day/twilight sessions, or a blended mix of face-to-face and online meetings. Lead participants will be expected, where appropriate, to work with colleagues in their own department.

Work Groups will be designed to meet the specific needs of the range of experience of participants.

Booking link:

<https://www.eventbrite.co.uk/e/ncp-20-21-developing-a-level-pedagogy-tickets-123057635701>

SECONDARY POST-16

### Availability

Most Maths Hubs – check with your local hub and those in neighbouring areas

### Can I take part?

Yes - contact your local hub

### Project Code

NCP 20-21

### Location:

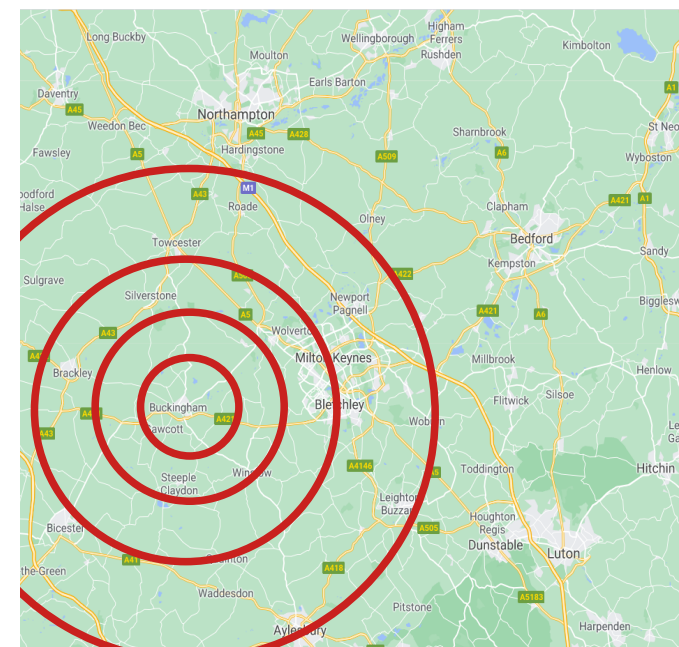
Online (as Covid-19 requires)

Physical location, in west of Enigma Hub region; details to be confirmed as and when Covid-19 restrictions have been reduced.

### Timing:

Thurs 10 December, 3:30-5pm

Thursday twilight / afternoon sessions thereafter (dates/timing of total of 10.5 further hours CPD to be co-determined with participants).



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## What will you learn?

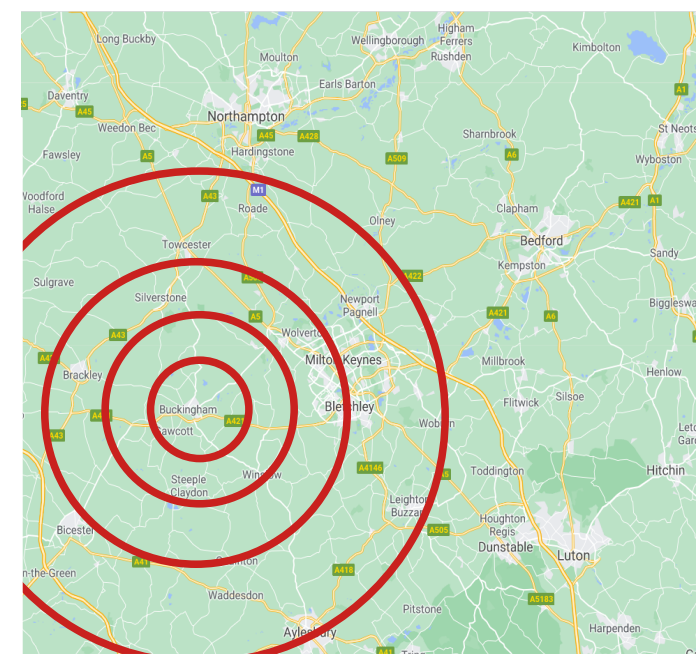
Participants and their departments will:

- know the content and requirements of the linear A level Maths
- understand the purpose of the over-arching themes and their impact on teaching and learning, including use of technology
- be confident to teach aspects of the content (particularly mechanics and statistics)
- plan sequences of lessons which meet the requirements of the A level, including addressing the overarching themes and use of technology
- support colleagues in their own school/college in embedding themes from the Work Group.

## What is the cost?

The Developing A Level Pedagogy project is **fully funded** by the Maths Hubs Programme and the AMSP so is **free** to participating schools/colleges.

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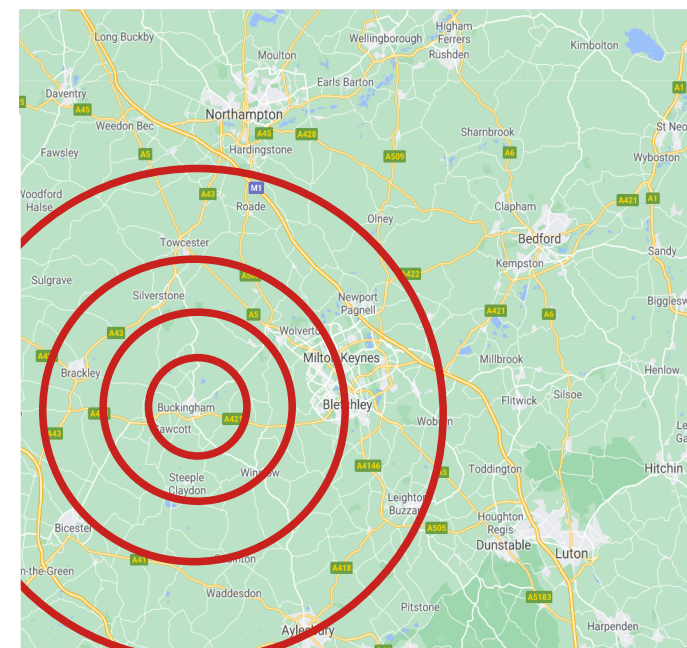


Sandy Stopher, Work Group Lead  
NCP20-21: Developing A-Level Pedagogy

"I have been teaching A-level mathematics since 1983 so have seen many changes in the assessment and use of technology; yet surprisingly few in the content (I could still use my own A level notes from 1979). Currently, I deliver mainly further maths and work with students on entrance level exams such as STEP.

My career has ranged from being a head of maths to deputy head and finally head teacher. I have an MA in educational management and my NPQH. I have taught PE, RS, French and ICT. Eventually I took the wise decision to focus on what was really my passion and returned to solely being a mathematics teacher.

I have been delivering training since becoming an AST in 2007. As well as individual work with teachers and maths teams in their own schools I was an ambassador for NCETM in its early days delivering workshops at regional conferences. I also worked part time for Osiris education where I delivered a course called 'Outstanding A level' in various venues across the country."



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