

Developing A Level Pedagogy Work Groups

NCP20-21



Overview

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.

Who can apply?

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.

Intended Outcomes

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.

Developing A Level Pedagogy

Dates and Location – Sessions will be delivered online until further notice

Cohort 1

West Walsall E-Act Academy, Primley Avenue, Walsall, WS2 9UA

9/11/20

1/3/21

21/6/21

Cohort 2

Kingsmead School, Kings Avenue, Hednesford, Cannock, WS12 1DH

7/12/20

29/3/21

30/6/21

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.

Who is leading the Work Group

Alice Fitzgerald -

After having taught in secondary schools, across all age and ability ranges, Alice is in her 5th year teaching A Level at Stoke Sixth Form College. While working in Stoke she spent three years working for the Stoke Maths Excellence Project and two years most recently working as an Area Coordinator for the AMSP.

How to apply

Please complete the online [registration form](#)

Covid Recovery

The school year 2020/21 will be substantially affected by the impact of the coronavirus outbreak. The knock-on effects on school life and teachers' working lives can't be predicted with any certainty. So, all Maths Hubs work will be flexible and adapt to changing realities. There's likely to be more live online collaboration, often including use of video, for example. In addition, Work Group content will be adjusted to address schools' recovery from coronavirus-related disruption alongside work on the central maths subject matter of each project.

