

PROFESSIONAL DEVELOPMENT FOR TEACHERS OF MATHS BEYOND GCSE

A rich variety of opportunities throughout the school year (2018/19) through collaboration between  **MathsHUBS** and the **Advanced Mathematics Support Programme (AMSP)**

Professional Development



Core Maths

Already teaching Core Maths?

- Attend a one-day conference or workshop; titles include:
Problem Solving in Core Maths
Keeping the Context Alive
Developing a Core Maths Lesson.

Thinking about teaching Core Maths?

- Attend a one-day conference to find out more about Core Maths and approaches to teaching it.

A level Mathematics

Already teaching A level Mathematics?

- Select from a range of sustained courses designed to develop your subject knowledge and classroom practice, including statistics and mechanics.
- Attend a one-day course focussed on your area of interest; options include problem solving, reasoning, and embedding the use of technology.
- Need something more flexible? Try the online and on-demand options.

Thinking about teaching A level Mathematics?

- Book onto a course designed to support teachers of GCSE Mathematics who wish to teach A level Mathematics for the first time.

A level Further Mathematics

Already teaching A level Further Mathematics?

- Select from a range of sustained courses designed to develop your subject knowledge and classroom practice, including further pure, statistics, mechanics, and discrete maths.
- Attend a one-day conference or workshop focussed on your area of interest; options include further pure, statistics, mechanics and discrete maths.
- Need something more flexible? Try the online and on-demand options.

Thinking about teaching A level Further Mathematics?

- Book onto a sustained course designed to support teachers of A level Mathematics who wish to teach A level Further Mathematics for the first time.

Supporting Core Maths

If you teach in a school or college new to Core Maths or are looking to expand existing provision, join this Work Group exploring the philosophy and practicalities of these qualifications, as well as making best use of existing classroom resources.

Developing A level Pedagogy

The demands of the new A level are explored in this Work Group. You gain a deeper understanding of the requirements of the specification and the overarching themes while developing others in your department.

Embedding A level technology

The new A level requires that the use of technology 'permeates' the study of maths and statistics. This Work Group explores practical approaches for integrating technology in the curriculum to enhance mathematical understanding. It also develops participants as technology champions in their own department.

Work Groups



What is the AMSP?

The Advanced Mathematics Support Programme (AMSP) works to improve the teaching of maths beyond GCSE. It offers a comprehensive range of professional development opportunities at locations throughout England. Course fees are low and often fully-subsidised. In addition, the AMSP arranges local network meetings that focus on sharing good practice.



What is a Work Group?

Maths Hub Work Groups typically consist of a small group of teachers from local schools and colleges, led by an expert in maths-specific professional development and the area of maths concerned. The group meets, communicates and collaborates throughout the year, working towards common objectives with other Work Groups around the country.