



Advanced Mathematics
Support Programme®



Professional Development for teachers of AS/A level Further Mathematics

What do we offer?

Our professional development courses include access to high-quality online teaching and learning resources, designed to support the content covered.

Are you teaching AS/A level Further Mathematics, or plan to in the future?

Teaching Further Mathematics (TFM) is designed to support your development as an AS/A level Further Mathematics teacher. The course focuses on expanding your subject knowledge and developing your classroom practice. It is split into two units, TFM1 and TFM2. Each runs over a six-month period and, between them, the two units cover the pure maths content common to all AS/A level Further Mathematics specifications. Each unit includes live online tutorials and two face-to-face study days, together with online resources to support your study and teaching.



Would you like to develop your teaching of statistics?

Teaching Statistics 2 (TS2) will help you expand your teaching of statistics for AS/A level Further Mathematics. It follows on from Teaching Statistics 1, which supports teachers of A level Mathematics. The course runs over a six-month period and includes live online tutorials, two face-to-face study days and online resources.

Would you like to develop your teaching of mechanics?

Teaching Mechanics 2 (TM2) will help you develop your teaching of mechanics for AS/A level Further Mathematics. It follows on from Teaching Mechanics 1, which supports teachers of A level Mathematics. The course runs over a six-month period and includes live online tutorials, two face-to-face study days and online resources.

Would you like to develop your teaching of discrete/decision maths?

Teaching Discrete Mathematics (TD) is aimed at teachers who want to build their confidence with discrete/decision maths and gain a deep understanding of the material. The course is split into two units, TD1 and TD2; each unit runs over a six-month period and includes live online tutorials, two face-to-face study days and online resources. Between them, the two units cover the discrete/decision material common to all AS/A level Further Mathematics specifications.



Our professional development courses are all **FREE** or available at low cost.



For more information, visit amsp.org.uk

Do you want to support your students with university admissions tests?

The AMSP offers support for teachers who want to help their students with mathematical university admissions tests, such as the Sixth Term Examination Paper (STEP), Mathematics Admissions Test (MAT) and Test of Mathematics for University Admission (TMUA). This includes courses focused on:

- the requirements of each university admissions test
- the range of support available to students sitting university admissions tests
- embedding problem-solving skills in the classroom
- developing the specific skills required
- supporting a student through a university application involving a mathematical admissions test



The AMSP offers a wide range of online courses on topics including statistics, mechanics and pure maths. Explore the options at amsp.org.uk.

Would you prefer a more flexible way to access professional development?

If you find it difficult to take time out of your regular commitments, the AMSP's innovative online courses are a great alternative for continuing your professional development.

Live Online Professional Development (LOPD)

courses address similar content to our face-to-face courses, but can be studied from the comfort of your home and workplace. Live online sessions run after the end of the school day, and you can still access support from a tutor and engage with fellow participants through our online classroom environment.

On Demand Professional Development (ODPD)

courses are even more flexible. They are completely web-based, so you can choose to study each section of the course when it's convenient for you.

Professional Development Videos have been designed to show how effective teaching methods can be embedded in AS/A level Further Mathematics lessons. Each video has a specific focus and is approximately five minutes long, offering easily accessible professional development.



For more information, visit amsp.org.uk

Would you like to access local support?

- The AMSP has more than 40 Area Coordinators throughout England, each working with schools and colleges in their area to provide a wide range of flexible professional development opportunities. Check the AMSP website for details of events in your area.
- The AMSP organises **Teacher Network Meetings** across the country. These networks focus on sharing good practice, encouraging professional growth and promoting developments in teaching and learning. To find your nearest teacher network, visit
amsp.org.uk/events/teacher-network-meetings
- Through a partnership between the AMSP and the Maths Hubs, you can also access local Work Groups on Embedding Technology. These are extended professional development programmes which explore where, when and how to use technology to enhance students' understanding. Contact your local Maths Hub to find out about their Work Group.



Fees and subsidies

Through government funding, the AMSP is able to offer its professional development courses for free or at low cost.

For several courses, generous subsidies allow state-funded schools and colleges to reclaim the fees on completion of the course. Schools and colleges in eligible locations are able to claim additional subsidies to facilitate participation.

For full details, visit amsp.org.uk/subsidies



For more information, visit amsp.org.uk



What is the AMSP?

The **Advanced Mathematics Support Programme (AMSP)** is a government-funded initiative that aims to increase participation in Core Maths, AS/A level Mathematics and Further Mathematics, and improve the teaching of these level 3 maths qualifications.

We offer:

- Free guidance on introducing and sustaining advanced maths options, including strategies for offering Core Maths and AS/A level Further Mathematics
- A wide range of free/low cost flexible professional development for:
 - Higher Tier GCSE Mathematics
 - Core Maths
 - AS/A level Mathematics and Further Mathematics
 - Supporting students with university maths admissions tests
- Free teaching and learning resources
- Free/low cost enrichment events and materials for students to encourage them to study maths beyond GCSE and to prepare for university mathematics admissions tests

Find out more by visiting amsp.org.uk.



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Support Programme®

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Want to stay informed?

amsp.org.uk/subscribe

The AMSP website offers everything from classroom resources to curriculum guidance. If you'd like to be kept in the loop, make sure you subscribe to our **Stay Informed** mailing list to receive regular updates on the AMSP's activities.