

# Introducing the AMSP

## What is the AMSP?

The Advanced Mathematics Support Programme (AMSP) is a DfE-funded initiative, providing support for teachers and students in state-funded schools and colleges in England.

The AMSP aims to increase participation in AS/A level Mathematics, AS/A Level Further Mathematics and Level 3 Core Maths, and improve the quality of teaching maths.

The AMSP provides targeted support in areas of low social mobility and low participation in Level 3 maths with the aim of increasing opportunities for all students to study maths post-16, regardless of their location, gender, ethnicity or background.

**! Our professional development courses and student support events are all free or available at low cost.**



## What does the AMSP offer?

For school/college leaders, we offer advice and information about offering a full range of Level 3 maths pathways and increasing student participation.

For teachers, we provide a range of flexible professional development opportunities, teaching and learning resources, and guidance on offering advanced maths options, including Core Maths and AS/A level Further Mathematics.

For students, we run enrichment events and produce materials to encourage them to study maths beyond GCSE. We also offer support for students preparing for university maths admissions tests.



# Support and enrichment for students

## For 11–16 students we provide:

### Enrichment events

Enrichment events engage your students while developing topics from GCSE Mathematics beyond the curriculum. Events are held online or hosted by universities, employers or in schools, and are designed to inspire your students to choose to study maths after GCSE.

### Careers talks

Careers talks inform your students about how maths is used in different careers and the importance of continuing to study maths beyond GCSE. They can either be a part of an enrichment event or a standalone session.

### Competitions

The Maths Feast is designed for teams of Year 10 students as a fun educational challenge which develops their problem-solving and teamwork skills. The AMSP also offers other competitions, detailed on our website.

### Resources

A range of resources designed to deepen understanding and enrich students' mathematical diet, including extension materials, problem-solving resources, transition to Level 3 study courses, and a fully resourced Maths Club programme for teachers to run in school.

## In addition, for 16–19 students we provide:

### Tuition

High-quality online tuition for AS/A level Further Mathematics students.

### Problem-solving support

One-day events and regular support classes to develop students' mathematical problem-solving skills so that they have the confidence to apply for maths courses at universities, including those requiring maths admissions tests.

### Resources

Comprehensive resources developed for your students to use to support

- their transition from GCSE to A level Mathematics
- their transition from A level Mathematics to undergraduate study of maths or a closely related subject such as engineering or physics.



**! All of our professional development and student support events can be found at [amsp.org.uk/events](https://amsp.org.uk/events)**

**! Taking part in our enrichment events and activities can help you reach the Gatsby Good Career Guidance benchmarks.**



## Professional development for teachers

We offer a wide range of courses to develop teachers' subject knowledge and teaching skills. Options include GCSE Higher Tier, Core Maths, A/AS level Mathematics and Further Mathematics, university admissions tests, enrichment, maths leadership, and more. These are usually free to attend and for some schools subsidies are available to support the costs of participation.

**! The aims of our professional development programme are consistent with the principles set out in the Ofsted Education Inspection Framework.**

### Sustained courses

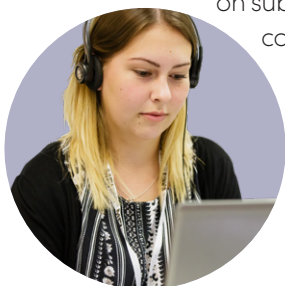
Courses designed to develop and deepen teachers' subject knowledge and pedagogy over an extended period of six months or more.

### Maths Hub Work Groups

Work Groups, run in partnership with Maths Hubs, focus on developing pedagogy. They're designed to encourage collaborative change across whole departments.

### Live Online Professional Development

Series of regular live sessions held online. They focus on subject knowledge and developing confidence in teaching an area of maths.



### One-day courses

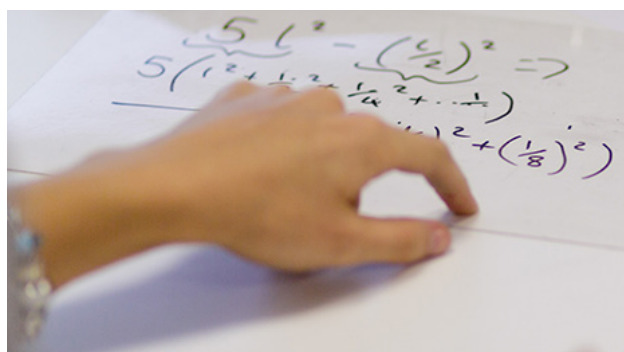
Focussed courses, designed to address specific areas of subject knowledge and pedagogy.

### On Demand Professional Development

Self-study courses covering a diverse range of topics. These include videos and related materials, and a forum for engaging with other participants and the course tutor.

### Teacher Networks

The AMSP coordinates meetings across the country, where teachers can discuss and share ideas, support each other, and participate in professional development.





# Registering your school or college

 [amsp.org.uk/register](https://amsp.org.uk/register)

Please register your school or college with the AMSP. It's **free** and provides lots of benefits.

You'll receive a free teacher account to Integral, MEI's online resources platform. This enables you to access extensive resources to support your teaching and learning, including materials for:

- All of the Mechanics and Statistics content of AS/A level Mathematics, tailored to your specification.
- All of AS/A level Further Mathematics, tailored to your specification.
- AQA Level 2 Certificate in Further Mathematics
- OCR Level 3 FSMQ in Additional Mathematics
- STEP
- Core Maths

You'll also receive a free student account, enabling your students to access videos to support the learning of AS/A level Mathematics and Further Mathematics.

Registered schools and colleges can also take advantage of our tutoring facilities.



## Want to stay informed?

 [amsp.org.uk/subscribe](https://amsp.org.uk/subscribe)

If you'd like to be kept in the loop about what we're doing, make sure you subscribe to our **Stay Informed** mailing list to receive updates on the AMSP's activities.

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**Advanced Mathematics  
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