Advanced Mathematics Support Programme

MEI® Because maths matters!

Subject Knowledge Live

AS/A level Mathematics: Mechanics

Academic year 2026–27: Autumn cohort

Course overview

Our Subject Knowledge Live | AS/A level Mathematics: Mechanics sessions will deepen your understanding of key mechanics topics.

The sessions will all concentrate on the modelling of subject knowledge delivery including the use of technology and will cover content from all major specifications for A level Mathematics.

Features of the course:

- Nine online sessions covering the Mechanics elements of AS/A level Mathematics
- Support for new and experienced teachers
- Access to high-quality teaching and learning resources

Study Schedule

Each session will run for **90 minutes**.

The course will run: **Thursdays at 17:00 starting on the 17 September**. You will be asked to choose one of these schedules.

Please ensure you are able to attend at least 75% of your chosen scheduled sessions before applying.

Session topic	Dates
Introduction to kinematics	17 September
Constant acceleration	24 September
N1 and N2 laws - single particle	1 October
N3 law - connected particles	8 October
Projectiles	15 October
Variable acceleration	5 November
Friction	12 November
Resolving forces	19 November
Moments	26 November

Eligibility - This course is free to state-funded schools and colleges in England; teachers from other establishments will have to pay a fee of £215 to attend. Priority will be given to teachers in state-funded schools and colleges.

Scan the QR code or visit amsp.org.uk for more information and to register.