



Advanced Mathematics
Support Programme®

Continuing Professional
Development
Standard

National Centre
for Excellence in the
Teaching of Mathematics



Introduction to Mechanics

Thame

24th January 2020

Overview

This is a one day course to support teachers to deliver the key topics of the Mechanics section of the 2017 Mathematics A level specifications for the first time or to refresh subject knowledge of those who have not taught Mechanics in recent years.

This course is an Introduction to Mechanics at A level, and no prior knowledge is required.

Aims

- To strengthen teachers' understanding of the key topics in the new A level specifications
- To demonstrate teaching ideas and resources including simple practical work and ICT
- To provide a basis of understanding of Newtons Laws of motion, forces and kinematics for teachers to build upon

Who will benefit from attending?

Teachers who are new to teaching Mechanics or have not taught this application in recent years.

Content

- Kinematics
- Forces and vectors
- Newton's Laws of Motion
- Modelling
- Developing these ideas practically
- Finding resources

Other Information

Lunch and light refreshments are included. Please indicate special dietary requirements on the booking form.

Eligibility

All teachers are eligible to apply, though priority will be given to teachers from state schools. PGCE students are welcome to apply at no cost provided another teacher from their partner school attends.

Key Facts

Event ref:	#6993
Audience:	Teachers
Curriculum focus:	A level Mathematics
Mathematical focus:	Mechanics
Event format:	Face-to-face Professional Development
Event length:	1 day
Region:	South
Venue:	Lord Williams's Lower School, Towersey Road, Thame, Oxfordshire, OX9 3NW
Date:	Fri 24th Jan 2020
Course times:	09:30 - 15:30
Fee:	free
Priority Area subsidy:	£250 per teacher

Registration

For more information, or to register for this event, please visit <https://amsp.org.uk/events/details/6993>