



Advanced Mathematics
Support Programme®

Continuing Professional
Development
Standard

National Centre
for Excellence in the
Teaching of Mathematics



Practical Mechanics PD

Manchester

20th January 2022

Overview

This course aims to provide simple practical and problem solving ideas that can be used with students studying mechanics at A level, as well as a range of concept questions for promoting discussion and testing student understanding. All the ideas used will be ones that teachers can take away and replicate with a minimum of equipment and resources. All delegates will be encouraged to carry out a range of activities.

Aims

- Gain a number of ideas that can be used in the A level mechanics classroom for introducing concepts using practical or problem solving approaches.
- Network and share ideas with fellow teachers of A level mechanics.
- Increase delegates' awareness of interesting and engaging methods for deepening students' conceptual understanding of the subject.

Who will benefit from attending?

Any current or prospective teacher of A (or AS) level mechanics.

Content

The day will comprise of the following four sessions:

Session 1: Introducing mechanics

Session 2: Friction, forces & statics, Applying Newton's second law and connected particles.

Session 3: Moments

Session 4: Projectiles

Eligibility

Any state school teachers

Key Facts

Event ref:	#8806
Audience:	Teachers
Curriculum focus:	A level Mathematics
Mathematical focus:	Mechanics
Event format:	Face-to-face Professional Development
Event length:	1 day
Region:	North West
Venue:	University of Manchester
Date:	Thu 20th Jan 2022
Course times:	10:00 - 16:00
Priority Area subsidy:	£250 for priority institutions

Registration

For more information, or to register for this event, please visit <https://amsp.org.uk/events/details/8806>