



Advanced Mathematics
Support Programme®

Continuing Professional
Development
Standard

National Centre
for Excellence in the
Teaching of Mathematics



Gaining confidence with Mechanics in the new A level

Bognor Regis

15th March 2019

Overview

A one day course to help prepare teachers who will be teaching mechanics in the new A level for the first time

Aims

- To introduce the major topics in the Mechanics element of AS/ A level Mathematics
- 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?

This course is suitable for teachers who are new to teaching mechanics or who have taught M1 on the legacy specification but lack confidence with some concepts

Content

- AS Mathematics - Kinematics
- AS Mathematics - Forces and Vectors
- A level Maths - Moving into two dimensions
- Developing these ideas practically
- Modelling
- Finding resources

Other Information

Provisional Programme
(Exact timings and content may vary)
09:00 Registration (Tea/coffee available)
09:30 Kinematics
11:00 Break for Refreshments
11.20 Vectors and Forces
12:35 Lunch
13:20 Newton's Laws of Motion
14:20 Break for refreshments
14:30 Extending the model
15:30 Depart

Cost

Fees for this course are £50 to include resources, lunch and refreshments for the day.

Key Facts

Event ref:	#4911
Audience:	Teachers
Curriculum focus:	A level Mathematics
Mathematical focus:	Mechanics
Event format:	Face-to-face Professional Development
Event length:	1 day
Region:	South
Venue:	Felpham Community College, Felpham Way,, Bognor Regis,, West Sussex, PO22 8EL
Date:	Fri 15th Mar 2019
Course times:	09:00 - 15:30
Fee:	£50
State-sector subsidy:	West Sussex

Registration

For more information, or to register for this event, please visit <https://amsp.org.uk/events/details/4911>