

The Further Mathematics Support Programme

Preparing to teach mechanics

A one day course for teachers preparing to teach the mechanics content of the new A level mathematics from September 2017.

**Hosted by De Ferrers Academy,
Trent Campus, St Mary's Drive,
Burton upon Trent Staffordshire
DE13 0LL.**

**Friday 17 March 2017,
9:30am - 4:00 pm**



“Secure subject knowledge on the part of the teacher, underpinning an approach to mathematics in which all topics are seen as part of a coherent set of related ideas, with clear progression and links to previous and future learning.”

A key finding: one of the most significant contributions to high achievement in 14–19 mathematics
Ofsted: Evaluating mathematics provision for 14–19-year-olds

This course is suitable for teachers who have little or no experience of teaching mechanics beyond GCSE, as well as teachers who have taught the content but may be looking for fresh ideas to use in the classroom.

The topics covered on this course feature in the compulsory content of the reformed mathematics A level for first teaching in September 2017.

Course aims:

- To introduce teachers to the main ideas and topics now compulsory for all students in the new A-level.
- To demonstrate teaching ideas and resources which deepen students' understanding of these concepts;
- To strengthen teachers' understanding of the content required in the new A level mathematics specifications (from 2017).

Provisional Timetable for the day (actual timings and content may vary slightly)

From 0900 Arrival & Registration

0930 Introduction

10 00 Kinematics

10 50 Break

11 10 Forces

12 30 Lunch

13 15 Developing the ideas further at A-level

14 45 Break

15 00 Plenary and Evaluations

Course fees and application:

Fees for this course are £50 per teacher if your school is registered with the FMSP (£100 otherwise). If two teachers from the same school are attending then please each fill in a separate form. To apply, please complete the online form at: <http://bit.ly/17March2017>

Further information

Details about this course/event can also be found on the FMSP website at:
http://www.furthermaths.org.uk/WM_CPD

For more information email: r.stakes@keele.ac.uk