

The Further Mathematics Support Programme

# Introduction to Further Mechanics

**A one day course covering the key topics of the NEW Further Mathematics A levels**

**Oxford Spires Academy**

**09:30 to 15.30, Wednesday 18<sup>th</sup> October 2017**



Topics covered will depend on delegates' exam specifications, but are likely to include:

- Work, energy and power
- Impulse and momentum
- Dimensional Analysis

Teaching approaches encourage an active learning style and the development of sound understanding of key concepts.

**This course is an introduction to mechanics in Further Mathematics**

Delegates should be familiar with the mechanics content of the NEW A level in Mathematics, but further knowledge is not required. If there are gaps in your experience, but you still think this is the course for you, please contact Alexandra.

## Course Leaders:

Jeff Trim, FMSP Area Coordinator

Lesley Swarbrick, FMSP Associate

## Course aims:

- To strengthen teachers' understanding of the key topics in the new A level Further Mathematics specifications
- To demonstrate teaching ideas and resources including simple practical work and ICT

## Course fees and application:

The course costs £50 if your school is registered with the FMSP\* (otherwise £100), including refreshments, lunch and resources. Teachers who are on current PGCE or GTTP placements may attend free of charge if accompanied by a fee-paying colleague. To book places please complete the Google Form at:

<https://goo.gl/forms/XUSQREzxdDrLzkEx2>

## Further information

Details of how to pay online will be provided on completion of the Google booking form.

Closing date for booking: **Wednesday 20<sup>th</sup> September 2017**

*This is to allow us to plan the day according to which exam specifications are required.*

*Later bookings will be accepted up to **Wednesday 4<sup>th</sup> October**, but we will not be able to take your specification into account when planning.*

For further information, contact [alexandrahewitt@furthermaths.org.uk](mailto:alexandrahewitt@furthermaths.org.uk) or 07962 871828

\*Registration is free. To register visit: <http://www.furthermaths.org.uk/?page=register>

## Provisional Programme

Tea, coffee and cookies will be available from 9.00am

A programme will be sent out in advance of the course, but we cannot provide any further information at this stage as it depends on delegates' exam specifications. Depending on numbers, it may be possible to offer some choice of sessions.