

The Further Mathematics Support Programme

Use of Technology in the New A-level (2017)

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

Telford Conference Centre
University of Wolverhampton,
Priorslee,
Telford, TF2 9NN

Thursday 2 March 2017,

9:30am – 3.30 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 using technology, as well as teachers who have some experience but may be looking for fresh ideas and information specifically about the new A-level content.

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 use different types of graphing technology and explore how they can be used to deepen understanding of mathematical concepts
- To understand how spreadsheets and statistical graphing tools can be used with Large Data Sets
- To strengthen teachers' understanding of the content and skills required in the new A level mathematics specifications (from 2017).

Provisional Timetable for the day

From 0900 Arrival & Registration

09 30 Introduction

09 45 Using graphing software

10 50 Break

11 10 Using spreadsheets and statistical tools

12 30 Lunch

13 15 Exploring large data sets

14 00 Break

14 15 Integrating Technology into your scheme of work

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/2March2017>

Further information

Teachers will need to bring a laptop or tablet with a spreadsheet (e.g. Excel or Gnumeric) and graphing software (e.g. Geogebra, Desmos or Autograph) installed.

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