

# Effective use of technology in the new maths A levels

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## Aim of the course

To provide delegates with

- An overview of how the different specifications for Maths and Further Maths encourage the use of technology;
- An opportunity to explore a variety of different technologies such as graphical calculators, spreadsheets and graph-plotting software;
- A range of strategies for integrating the use of technology into a scheme of work.

## Is the course appropriate for me?

This will be appropriate for any teacher who will be teaching the new maths AS/A levels. It will be particularly useful for those who are responsible for encouraging the use of technology in a mathematics department.

## What background knowledge will be expected?

We will assume you have taught at least the two AS Core modules.

## What do I need to bring on the day?

A pen and a laptop computer. If your school/college uses tablets in the classroom you are encouraged to bring a tablet in addition to a laptop. We will provide a graphical calculator, for use on the day, and a delegate pack.

## What is the content of the day?

Differences between the various specifications' approaches to encouraging the use of technology; using graphical calculators in teaching, learning and assessment; using graph-plotters across a range of devices: computers, tablets and phones; using spreadsheets and statistical graphing tools; integrating the use of technology into your scheme of work.

## What is not covered on the day?

We do not aim to provide subject knowledge support as that will be covered in the other 'Get Set' courses.

## What follow up support can I access?

All materials will be provided electronically on the day. You will be part of a community that has access to MEI's scheme of work and developments of it.

## Outline of the day:

09:30	Arrival, registration and coffee
10:00-11:00	Overview of the day; differences between the various specifications' approaches to encouraging the use of technology
11:00-12:15	Using graphical calculators in teaching, learning and assessment
12:15-13:00	Using graph-plotters across a range of devices: computers, tablets and phones
13:45-15:00	Using spreadsheets and statistical graphing tools
15:00-15:50	Integrating the use of technology into your scheme of work
15:50-16:00	Evaluation

For course fees, application forms and further details please see [www.mei.org.uk/2017-pd](http://www.mei.org.uk/2017-pd)