

Getting to grips with Technology in the new A level

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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 is 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 pure content of AS Mathematics.

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.

What follow up support can I access?

All materials will be provided electronically on the day.

Outline of the day:

09:30	Arrival, registration and coffee
10:00-10:30	Overview of the day; differences between the various specifications' approaches to encouraging the use of technology
10:30-11:30	Using graphical calculators in teaching, learning and assessment
11:45-12:45	Using graph-plotters across a range of devices: computers, tablets and phones
13:30-14:45	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 further details please see www.mei.org.uk/2017-pd