



Advanced Mathematics
Support Programme®

Continuing Professional
Development
Standard

National Centre
for Excellence in the
Teaching of Mathematics



Technology in A Level Maths

21st January 2020

Overview

This one-day course will explore practical approaches for embedding technology in A level teaching. Participants will explore where, when and how to use technology to enhance students' understanding, learning and experience. We will also consider approaches for supporting the use of technology across a department.

A range of technologies will be considered including GeoGebra, Desmos, Excel, Autograph and graphical/scientific calculators. There will be support in deciding which of these is most appropriate for your department.

Aims

- To demonstrate the effective use of technology in teaching A level Mathematics.
- To explore students activities for using technology.
- To develop your skills in using technology for statistics/the large data set (including calculators).
- To consider strategies for integrating technology into your scheme of work.

Who will benefit from attending?

The course is suitable for all teachers of A level Mathematics who are wanting to make more effective use of technology in their teaching.

Content

- Student tasks for using technology
- Effective teacher use of technology
- Technology for statistics (including use of calculators and Large Data Set activities)
- Integrating the use of technology (including schemes of work and supporting your department)

Materials and Equipment

Delegates will need to bring a laptop that is capable of connecting to WiFi and the calculator that their students are using for A level.

Key Facts

Event ref:	#6380
Audience:	Teachers
Curriculum focus:	A level Mathematics
Mathematical focus:	Use of technology
Event format:	Face-to-face Professional Development
Event length:	1 day
Region:	North West
Venue:	University of Manchester
Date:	Tue 21st Jan 2020
Course times:	10:00 - 16:00
Fee:	FREE
Priority Area subsidy:	£250

Registration

For more information, or to register for this event, please visit <https://amsp.org.uk/events/details/6380>