



Advanced Mathematics
Support Programme®

Continuing Professional
Development
Standard

National Centre
for Excellence in the
Teaching of Mathematics



Teaching statistics with technology

Yeovil

8th March 2019

Overview

- Large Data Sets: how technology can be used to gain familiarity and teach statistical concepts
- Practical Activities using the large data sets with GeoGebra and spreadsheets
- Using the GeoGebra probability calculator in statistics lessons
- Using the graphing and enhanced scientific calculators
- Sample assessment questions: how the use of technology impacts upon assessment

Aims

- To support teachers in using technology to enhance their teaching of the Statistics element of A level Mathematics.
- To understand how technology can be used to gain familiarity with the large data set and develop interpretation skills.
- To understand how the enhanced scientific or graphical calculator can be used to support the learning of statistical concepts

Who will benefit from attending?

Teachers who are teaching the statistics element of A level or those who anticipate doing so in the near future.

Materials and Equipment

Please bring a laptop that has Geogebra 5 classic and a spreadsheet installed. It would also be useful to download the large dataset for the specification that you are teaching.

Cost

Free

Key Facts

Event ref:	#5444
Audience:	Teachers
Curriculum focus:	A level Mathematics
Mathematical focus:	Statistics, Use of technology
Event format:	Face-to-face Professional Development
Event length:	1 day
Region:	South West
Venue:	Yeovil College, Mudford Rd, Yeovil , Somerset, BA21 4DR
Date:	Fri 8th Mar 2019
Course times:	09:30 - 15:30

Registration

For more information, or to register for this event, please visit <https://amsp.org.uk/events/details/5444>