



Advanced Mathematics
Support Programme®

Continuing Professional
Development
Standard

National Centre
for Excellence in the
Teaching of Mathematics



Statistics in Year 12 A level Mathematics

York

15th November 2019

Aims

- This one day course will provide teachers of AS and A level Mathematics with some effective ideas for teaching the main Statistics topics in AS Mathematics

Who will benefit from attending?

Teachers who are new to teaching Statistics or need extra ideas for teaching the new specification

Content

- Interpreting Real data using technology
- Using the large data set to teach statistical content
- Modelling with the binomial distribution
- Introducing hypothesis testing

Other Information

9.30 Arrival and coffee

10.00 Interpreting real data using technology

This will include exploration of the large data sets for all specifications

11.00 Using the large data set to teach statistical content

This session will look at ways to use the large data sets to teach some of the statistical content in the AS specifications

12.15 lunch

13.15 Modelling with the binomial distribution

This session will introduce the binomial distribution as a model for data

14.15 Introducing hypothesis testing

This session will introduce the language and process of hypothesis testing for situations which can be modelled with the binomial distribution

15.30 Evaluation and close

Key Facts

Event ref:	#6318
Audience:	Teachers
Curriculum focus:	A level Mathematics
Mathematical focus:	Statistics
Event format:	Face-to-face Professional Development
Event length:	1 day
Region:	Yorkshire and the Humber
Venue:	NSLC, University of York, Heslington, York, YO10 5DD
Date:	Fri 15th Nov 2019
Course times:	09:30 - 15:45
Fee:	Free to state schools
Priority Area subsidy:	£250

Registration

For more information, or to register for this event, please visit <https://dev.amspace.org.uk/events/details/6318>