

The Further Mathematics Support Programme

Using technology in the 2017 Statistics classroom

**Juniper Room
Telford Conference Centre
University of Wolverhampton**

**Thursday 7th December 2017
9.30am – 4.00pm**



- To support teachers in using technology to enhance their teaching of the Statistics element of A level Mathematics from September 2017.
- To enable teachers to see how technology can enrich student experience, create a work-ready approach to analysing data and illuminate new and familiar topics
- To consider how to balance the need for technology to enhance learning with the need to support students in using technology for assessment.

Programme:

9.30 Introduction: Technology in the new A level

9.45 Large Data Sets: Introduction; how technology can be used to gain familiarity and teach statistical concepts

10.45 Break

11.00 Practical Activities using the large data sets with GeoGebra and spreadsheets

12.00 Using the GeoGebra Probability Calculator in teaching statistics

1.00 Lunch

1.45 Using the graphing and enhanced scientific calculators in statistics

3.00 Comfort Break

3.10 Sample assessment questions; how the use of technology impacts upon assessment

3.45 Plenary; next steps

4.00 Close.

Please bring a laptop/tablet that has Geogebra and a spreadsheet installed. The datasets can be downloaded at <http://bit.ly/FMSPLDS>.

This event is being jointly run by the University of Keele and the University of Wolverhampton.



Course fees and application:

Fees for this course are £50 per teacher if your school is registered with the FMSP (£100 otherwise).

If two teachers from the same school are attending then please each fill in a separate form.

To apply, please complete the online form at:

<https://goo.gl/forms/FIPmdW4EUSXBWYU03>

Further information

Details about this course/event can also be found on the FMSP website at:

http://furthermaths.org.uk/WM_CPD

For more information email:

liz.price@wlv.ac.uk or r.stakes@keele.ac.uk