

The Further Mathematics Support Programme

Using Technology in the Statistics Classroom

**Telford Conference Centre, Telford Innovation Campus
Shifnal Road, Priorslee, Telford, Shropshire, TF2 9NN**

Tuesday 3 July 2018, 9.30 am – 4.00 pm



- To support teachers in using technology to enhance their teaching of the Statistics element of A level Mathematics.
- 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.

To book places for your school, please go to: <http://bit.ly/CPD3July2018>

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 spreadsheet simulations and 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 5 classic and a spreadsheet installed. The datasets can be downloaded at <http://bit.ly/FMSPLDS>.

Cost £50 per person
(to include tea/coffee and buffet lunch).

Cancellation terms apply (please see the booking form)

For further information, please contact Richard Stakes,
r.stakes@keele.ac.uk, tel 01782 734083

Places limited.

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to:**

<http://bit.ly/CPD3July2018>

The Telford Conference Centre

is on the University of Wolverhampton Telford Innovation Centre.

SC Building

**Shifnal Road
Priorslee
Telford
Shropshire
TF2 9NN**

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