

The Further Mathematics Support Programme

# Using technology for Core Maths and the Large Data Set in A level Maths

This one day course is designed to support teachers in learning how to use the statistics functions in GeoGebra for teaching either one of the Core Maths qualifications or statistics, including the large data set, in A level Mathematics.

**Venue: National STEM Learning Centre, The University of York, YO10 5DD**

**Date: Friday 8<sup>th</sup> June 2018**



## Morning programme (0930-1230):

- Introduction to using GeoGebra for statistics
- Exploring activities for the large data set
- Exploring activities for Core Maths

## Afternoon programme (1330-1600):

- Shared approaches to teaching Core Maths and A level Maths
- Opportunity to practise techniques

## Aims

- To improve your skills in using GeoGebra for teaching the statistics elements of Core Maths or A level Maths.
- To explore activities for investigating data in Core Maths or the large data set at A level.
- To consider effective strategies for using statistics technology in the classroom.

**Teachers are requested to bring their own laptop with GeoGebra 5 and Microsoft Excel installed – GeoGebra 5 can be downloaded for free from [www.geogebra.org](http://www.geogebra.org).**

**The course is suitable for all teachers of either A level Mathematics or one of the Core Maths qualifications. No previous experience of using GeoGebra is expected.**

## **Course Leaders: Tom Button and Terry Dawson**

Tom is Student Support Leader for the Further Mathematics Support Programme and MEI's Learning Technologies Specialist. In addition to his work for the Further Mathematics Support Programme Tom is an expert in the use of technology for the teaching and learning of mathematics and has presented a large number of professional development courses.

Terry is a Curriculum Developer for MEI. He has worked with MEI's curriculum team to develop the new Core Maths qualification, teaching resources, and related teaching and learning approaches. Terry has developed and led CPD sessions for teachers and subject leaders, and been involved in lesson study sessions.

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### **Course/event fees and application:**

There is no fee for this course. Refreshments and lunch will be provided.

**For the morning session any device with GeoGebra installed on it will be suitable (laptop, tablet or smartphone). For the afternoon session you will need a laptop with GeoGebra 5 installed – this can be downloaded for free from [www.geogebra.org](http://www.geogebra.org).**

**Please use this link to book your place online:**

**<https://goo.gl/forms/EXjLix4hurzk2LRU2>**

**For more information, contact Jean Smith or Pete Sides**

**Email: [jeansmith@furthermaths.org.uk](mailto:jeansmith@furthermaths.org.uk) or [petesides@furthermaths.org.uk](mailto:petesides@furthermaths.org.uk)**