

The Further Mathematics Support Programme

Use of Technology in the 2017 Maths A-level

This is a one-day course exploring use of technology in teaching the new 2017 Maths A-level Mathematics. Interactive hands-on sessions are designed to share techniques for integrating the use of technology including the requirements for the Large Data Set.

St Marylebone School

28 April 2017, 10am to 4pm (registration from 9.30am)



The use of technology is expected to permeate the study of the new 2017 AS and A level mathematics.

This course will explore use of Graphics Display **Calculators** and **Geogebra** in graphing, calculus and large data sets. We will also look at new **Integral** resources which support the use of technology in the new A levels.

Delegates are required to provide their own laptop with the latest version of GeoGebra installed.

This course is suitable for teachers who have little or no experience of using technology, as well as teachers who have some experience but may be looking for fresh ideas and information specifically about the new A-level content.

Course aims:

- To use different types of graphing technology and explore how they can be used to deepen understanding of mathematical concepts
- To explore use of different technologies for large data sets
- To strengthen teachers' understanding of the content and skills required in the new A level mathematics specifications (from 2017).

Timetable for the day or course dates:

09:30-10:00	Registration and refreshments
10:00-11:30	Using graphical calculators in Calculus and Statistics (Jane Annets)
11:30-11:45	Coffee break
11:45-12:45	Exploring Integral resources (Richard Lissaman)
12:45-13:30	Lunch break
13:30-14:30	Using Geogebra in A-level maths (Tom Button)
14:30-14:45	Coffee break
14:45-15:45	Using Geogebra for large data sets (Tom Button)
15:45-16:00	Evaluation

Venue: St Marylebone School

<https://frog.stmaryleboneschool.com/index.phtml?d=565058>

Course/event fees and application:

Fees for this course/event are £50. To apply, please contact Luciano Rila at lucianorila@furthermaths.org.uk

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