

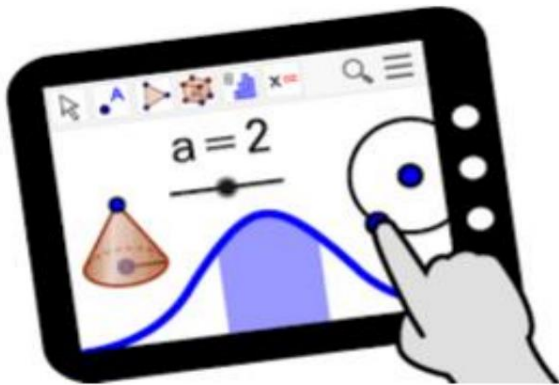
The Further Mathematics Support Programme

Technology in the A level maths classroom

Geogebra, Desmos, calculators and the Large Data Set

at Luckley House School, Luckley Road, Wokingham, Berkshire, RG40 3EU

19th January 2018, 9:30 – 4:00



New AS and A level specifications require the use of technology to permeate the teaching of Mathematics.

We aim to provide the opportunity to explore and build confidence in the use of some of the resources that are easy to implement in the classroom and give students a rich and rewarding learning experience in their exploration of mathematical concepts.

Suitable for teachers of AS and A level Mathematics

Focus for the day

An opportunity to reflect of the implications surrounding the requirement for the use of technology to permeate maths teaching, explore the use of free graphics applications, spreadsheets and the latest calculators.

Course aims:

- To provide teachers with an overview of these accessible technologies
- To give teachers time to explore and gain familiarity with GeoGebra and/or Desmos and what they can do
- To give information about calculator options that satisfy the new requirements
- To help teachers to build their own expertise in the use of free apps and new calculators
- To look at how these technologies can enhance the learning experience

Notes: You should bring your own laptop or tablet, with your preference of GeoGebra or Desmos installed. Both are freely available online and previous experience is not necessary.

www.geogebra.org

www.desmos.com

Provisional Timetable for the day:

- 09:30 Registration and refreshments
- 10:00 Introduction to use of Technology in the New A level Mathematics
- 11:00 Refreshments
- 11:15 Student tasks for using GeoGebra/Desmos in A level Maths
- 12:15 Exploring the use of new calculators
- 12:45 Lunch (provided)
- 13:30 Teaching with Large Data Sets
- 15:00 Reflections: Integrating the use of technology into your scheme of work
- 15:30 Final plenary and evaluation
- 15:45 End

Venue:

<http://www.luckleyhouseschool.org/>

Course/event fees and application:

Fees for this course are £50 per delegate for schools/colleges registered with FMSP

To apply, please complete the online form at: <https://goo.gl/forms/uMyRelur37K2ys3t1>

Further information

More details about this course/event can be found at:

www.furthermaths.org.uk/SE_CPD

For more information email:

stevecollins@furthermaths.org.uk