Use of GeoGebra in GCSE and A level Mathematics

London

1st March 2019

Overview

This course is split into two sessions, the morning session is suitable for beginners, and the afternoon explores more advanced features. Teachers are welcome to attend either or both sessions.

Aims

- To improve your skills in using GeoGebra in the teaching and learning of GCSE/A level Maths.
- To explore activities for student use of GeoGebra.
- To develop your skills in using GeoGebra to investigate the large data set.

Who will benefit from attending?

The course is suitable for all teachers of GCSE/A level Mathematics. No previous experience of using GeoGebra is expected for the morning session. For the afternoon session it is assumed that you can use the basic graphing tools.

Content

Morning programme (10.30-13.00):

- Introduction to using GeoGebra
- How to create basic files for teaching
- Student tasks for using GeoGebra

Afternoon programme (13.45-16.15):

- Advanced use of GeoGebra: 2nd Graphics view, 3D, spreadsheets
- Using GeoGebra for statistics (including the *large data set*)
- Integrating GeoGebra into your scheme of work

Materials and Equipment

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 geogebra.org/download.

Other Information

Course leaders: Tom Button, Avril Steele and Sinead Vaughan.

Cost

The fee for schools and colleges [registered](#) with the AMSP is £25 per session.

The fee for schools and colleges which are not [registered](#) with the AMSP is £50 per session.

Key Facts

Event ref:	#5227
Audience:	Teachers
Curriculum focus:	A level Mathematics, 11-16 maths
Mathematical focus:	Use of technology
Event format:	Face-to-face Professional Development
Event length:	1 day
Region:	London and South East
Venue:	NCVO, Regents Wharf, 8 All Saints St, N1 9RL
Date:	Fri 1st Mar 2019
Course times:	10:00 - 16:15
Fee:	£25 or £50 per session

Registration

For more information, or to register for this event, please visit https://amsp.org.uk/events/details/5227