



GeoGebra in the Maths classroom

Online

Self-paced study

Overview

This On Demand Professional Development course is designed to support teachers with using GeoGebra across a wide range of contexts in the Mathematics classroom. The methods are particularly applicable in the A level Maths classroom, but are designed for a toolbox of methods which can be used to illuminate a much wider range of maths.

The course comprises four 'pods', each covering an element of GeoGebra's functionality. In each pod, teachers will see short videos or walkthroughs guiding them through the methods, using examples from A level Mathematics study, along with practice materials, triggers for reflection and suggestions for further study. Teachers will be encouraged to interact and collaborate with others studying the same material via the online forums. An expert tutor will be monitoring the forums and will respond to queries.

The course offers total flexibility regarding when teachers can access the materials, day or night, over a period of up to one year. Teachers will be able to track their progress within the course and to see when they have completed a section or the full pod.

Aims

- To introduce teachers to some useful elements of GeoGebra.
- To introduce transferrable skills in the use of GeoGebra in the context of A level Maths and to give teachers an opportunity to practise these skills.
- To provide opportunities to reflect on methods, resources and teaching ideas and to discuss these with other teachers via the course forums.

Who will benefit from attending?

All teachers of post-16 maths.

Content

Pod titles:

- Graphics/Algebra views and graphics style bar
- Functions, commands and dynamic text
- Graphics 2, spreadsheets and statistics
- 3D and CAS views

Materials and Equipment

You'll need an internet connection with capability to watch video, and also to download the free GeoGebra software.

Cost

ODPD is free of charge to teachers in state-funded schools and colleges in England.

Key Facts

Event ref:	#5489
Audience:	Teachers
Curriculum focus:	A level Mathematics, A level Further Mathematics
Mathematical focus:	Pure, Problem solving, Use of technology
Event format:	On Demand Professional Development
Region:	National
Date:	Self-paced study
Fee:	Free

Registration

For more information, or to register for this event, please visit <https://amsp.org.uk/events/details/5489>