



Spreadsheets and the large data set

Online

Self-paced study

Overview

This is an On Demand Professional Development course designed to support teachers with using spreadsheets in their work with the large data set in A level Maths.

The course comprises 4 'pods', each demonstrating how spreadsheets can be used in the classroom to support the teaching of Statistics.

In each pod, teachers will see short videos guiding them through the ideas of the topic 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, a pod or a full course.

Aims

- To introduce teachers to a range of techniques which will enable them to work more confidently with the large data set used in their specification for A level Maths.
- To provide opportunities to reflect on subject content, resources and teaching ideas and to discuss these with other teachers via the course forums.

Who will benefit from attending?

All teachers involved in the delivery of the Statistics component of A level Maths.

Content

Pod titles:

- Introduction to the large data sets
- Using Excel
- Using GeoGebra
- Sampling and hypothesis testing

Materials and Equipment

Internet connection with capability to watch video. Access to spreadsheet software, ideally Excel and/or GeoGebra

Cost

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

Key Facts

Event ref:	#5582
Audience:	Teachers
Curriculum focus:	A level Mathematics
Mathematical focus:	Statistics, 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/5582>