

The Further Mathematics Support Programme

A level Mathematics: what's new in Statistics?

A one day course looking at statistics in the new AS and A level Mathematics specification

**Rosebery School, Epsom
Monday June 12th, 2017**



The new 2017 A level specifications are linear and hence the teaching of Statistics is integral within the new syllabus.

Some of the content will be less familiar to A level teachers.

For example, students are required to be able to:

- analyse large data sets (LDS)
- use technology such as spreadsheets or specialist statistical packages to explore the data set(s)
- interpret real data presented in summary or graphical form
- use data to investigate questions arising in real contexts

This course will help teachers understand how teaching statistics may need to change to meet the change in examining ethos

Course aims:

- To meet some of the changing statistics content in AS and A Level Mathematics (2017)
- To understand how teaching may need to change to meet the change in examining ethos
- To try some activities which can be used in the classroom

It is recognised that some A level teachers will already have expertise in teaching statistics and may only wish to explore the “new” requirements around large data sets and technology. These sessions will take place before lunch so those teachers can leave before the afternoon sessions if they wish.

Sessions will include:

In the morning

- Large data sets and sampling
- Significance and hypothesis testing with the binomial distribution

In the afternoon

- Conditional probability
- Normal distribution

Venue:

Rosebery School, White Horse Drive, Epsom KT18 7NQ

<http://www.roseberyschool.co.uk/>

Course/event fees and application:

This is a full day event. Lunch and refreshments will be provided.
The cost of the course is £50 per teacher.

To apply, please complete the online form at: <https://tinyurl.com/StatsatRosebery120617>

Further information

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

www.furthermaths.org.uk/SE_CPD

For more information email:

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