

The Further Mathematics Support Programme

Statistics in the new A level

**Hosted at Felpham Community College,
Felpham Way, Felpham, West Sussex, PO22 8EL**

Wednesday 20th June 2018



This course focuses on the key statistical topics required in the new AS and A level mathematics exams.

Topics include large data sets, sampling, hypothesis testing, binomial & normal distributions and an optional session on conditional probability for those who have not taught this before.

Please note that whilst large data sets is included in this course, it is only one of the topics that will be covered and will not focus on technology as in the course on LDS and technology.

The course is designed to share techniques, resources, calculator functions and approaches for engaging students.

Aims of the course

- To look at the major statistics topics at AS and A level Mathematics
- To consider methods of teaching to meet the change in examining ethos
- To look at practical activities that can be used in the classroom
- To be able to use a calculator (Classwiz or CG20) to aid statistical analysis

The fee for this course is £50, and will include a link to the resources used in the course and lunch/refreshments.

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

For more information or queries, please contact your Area Coordinator:

Hazel Santineer hazelsantineer@furthermaths.org.uk

Provisional Timetable for the day:

09:00	Registration and refreshments
09:30	Large data sets and sampling – Gill Buque
10:30	Break
10:45	Significance and hypothesis testing with the binomial distribution – Janet Such
12:00	Lunch
12:45	The normal distribution and hypothesis testing – Gill Buque
2:00	Break
2:15	Conditional probability (optional for those who have never taught S1) – Janet Such
3:15	Finish

Please bring your own calculator if you have a Classwiz or CG20. We will have some available to lend out if required.