

The Further Mathematics Support Programme

Preparing to Teach Statistics

A one day course for teachers preparing to teach the statistics content of the new A level mathematics from September 2017

**Westwood Teaching Centre,
University of Warwick,
Coventry, CV4 7AL**

**Tuesday 28th February 2017,
9:30am - 4:00pm**



This one day course is an excellent opportunity for all schools in planning for the new A level mathematics curriculum starting September 2017.

The course will focus on large data sets, conditional probability, hypothesis testing and the normal distribution. This day will equip schools and teachers with knowledge, skill and confidence and it can be used as a follow up to the recent Planning for the 2017 A Level days.

This course is suitable for teachers who have little or no experience of teaching statistics beyond GCSE, as well as teachers who have taught the content but may be looking for fresh ideas to use in the classroom.

Course Leaders:

Paul Chillingworth, Central Coordinator for the FMSP.

Fiona Kitchen, FMSP Area Coordinator West Midlands.

Course aims:

- To introduce teachers to fundamental statistical concepts such as, probability distributions, hypothesis testing, conditional probability and large data sets;
- To demonstrate teaching ideas and resources which deepen students' understanding of these concepts;
- To strengthen teachers' understanding of the content and skills required in the new A level mathematics specifications (from September 2017).

Timetable for the day

09:00 Registration

09:30 Introduction

09:45 Large data sets

11:15 Conditional probability

12:30 Lunch

13:15 Significance and hypothesis testing with the binomial distribution

14:30 Break

14:45 The normal distribution

15:45 Next steps

16:00 Finish

Course fees and application:

Fees for this course are £50 per teacher if your school is registered with the FMSP (£100 otherwise). To apply, please complete the online form at: <https://goo.gl/irw6lk>

Please fill in a separate form for each teacher attending.

Further information

Details about this course/event can also be found on the FMSP website at:

http://www.furthermaths.org.uk/WM_CPD

For more information email:

fionakitchen@furthermaths.org.uk