The Further Mathematics Support Programme

Upskilling for the 2017 Maths A Level: from S1 to Statistics

A half day course to support S1 teachers prepare for the compulsory statistics content that is new to them.

Hosted at Notre Dame High School, Sheffield

27th June 2017:

This course is for teachers that have taught S1 from one of the current modular specifications but have not covered some additional content that is now required for A level Mathematics.

Course aims:

- To introduce teachers to statistics topics that are new to them
- To provide teachers with an opportunity to discuss teaching strategies and student misconceptions
- To give teachers time to work on tasks that develop understanding

More information

Delegates will be expected to be familiar with the S1 topics namely: analysing data using calculations and diagrams to inform conclusions, calculating correlation coefficients, the Binomial Distribution and the Normal Distribution that are common to all four modular specifications.

Delegates should be familiar with the concept of hypothesis testing but detailed knowledge or experience teaching this topic is not essential.

The course will include the following topics:

- **Working with Large Data Sets**
- **Hypothesis testing for Correlation Coefficients**
- **Hypothesis testing for Sample Means**

Timetable:

12:30	Registration and refreshments
13:00	Working with Large Data Sets
14:00	Hypothesis testing for the correlation coefficient
14:30	Break
14:45	Hypothesis testing for the sample mean
15:45	Plenary and next steps
16:00	Close

Venue: Notre Dame High School, Fulwood Rd, Sheffield S10 3BT

Delegates will be asked to register at the reception at the Riverdale Road entrance. Parking is limited on site and it is recommended to park on Riverdale Road

Course/event fees and application:

This event is free of charge.
To apply, please email Patricia at admin@symathshub.org.uk

Further information

If you have any queries about this event or would like to know more about other professional development opportunities, please contact Pete Sides at petesides@furthermaths.org.uk