



# Getting Started with Hypothesis Testing Online

11th October 2021

## Overview

In this session we will look at approaches to teaching Hypothesis Testing in Year 12. This will include ideas for introducing the underlying concept, order of teaching, common misconceptions and looking at some exam questions. Part of the session will be dedicated to the role of calculators such as Classwiz when working with the Binomial distribution. We will also briefly look at how Hypothesis Testing is used in Year 13 and Further Maths.

No knowledge or experience of teaching Hypothesis Testing is required, although some knowledge of the Binomial Distribution would be useful.

## Aims

- To look at approaches to teaching Hypothesis Testing in Year 12
- To look at some recent past exam questions on Hypothesis Testing
- To investigate the role of calculators in the teaching of the Binomial Distribution and Hypothesis Testing

## Who will benefit from attending?

The session will be of benefit to all KS5 teachers who are teaching (or may teach in future) the applied side of the course. It will be particularly beneficial to anyone who has not taught Statistics before or has not taught it since the curriculum change in 2017.

## Materials and Equipment

The AMSP uses BigBlueButton (BBB), which is an online conferencing system that allows participants to collaborate in real time. It is easy to use and has features which enable a tutor and participants to communicate live on-line by using audio, video, instant messaging and, if needed, writing on a shared virtual whiteboard.

The session will be remote and will take place on the BigBlueButton platform, as such you will need a laptop/desktop computer or other internet enabled device.

We will set up the classroom and send you the classroom link, via e-mail, shortly before the session is due to start.

BBB is designed to be used on a variety of platforms but you will get the best experience via a desktop or laptop computer, running either Google Chrome or Mozilla Firefox as the browser. Note: Internet Explorer and Edge are not suitable currently.

**It is advised that you check the requirements to access the online classroom in advance of the live session that you will be attending. You can do this at any time.**

**You will need a webcam, microphone and headphones/speakers to take engage fully.**

## Eligibility

This event is for participants from state - funded schools and colleges. Applications from independent schools will be accepted and places will only be granted if there is availability.

## Key Facts

<b>Event ref:</b>	#8839
<b>Audience:</b>	Teachers
<b>Curriculum focus:</b>	A level Mathematics
<b>Event format:</b>	Live Online Professional Development
<b>Event length:</b>	1.5 hours
<b>Region:</b>	Yorkshire and the Humber
<b>Date:</b>	Mon 11th Oct 2021
<b>Course times:</b>	16:30 - 18:00

## Registration

For more information, or to register for this event, please visit <https://amsp.org.uk/events/details/8839>