



Introduction to Post-16 Studies - AS Level Further Maths

Anyone applying to study a degree in a STEM subject should consider taking AS Level Further Mathematics as the additional content helps ensure a successful progression to university. AS Further Mathematics is accessible to most A level Mathematics students.

The following challenges will help you develop some of the initial skills and knowledge needed for this course.



Watch these documentaries

Mathematics is the sense you never knew you had.

The next outbreak? We're not ready.

2 TED talks, Eddie Woo (2018)
Bill Gates (2015)



Listen to this radio programme

More or less

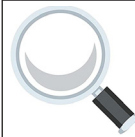
Listen to an episode of this radio programme to find out how statistics are used in politics and the news.



Complete this online course

Introduction to Differentiation

This is about 18 hours of study...you will be taught this material in lessons, so this is more to give you a flavour of what is to come...



Investigation

<https://wild.maths.org/interstitial/Play-to-win>

Use your mathematical skills to find a winning strategy for each of these games...Be warned, you may get hooked!



Read this article

How to ride the wall of death

The Wall of Death has been the most enigmatic dare-devil motorbike stunt for more than 100 years. Motorcyclists ride around the inside of a vertical wall, rather like a huge barrel, at speeds of around 30mph.



How to?

Essential Casio Calculator Skills

Enrol for free to ensure you know how to use your calculator effectively.



Useful links

Specification

<https://www.mathscareers.org.uk/>

<https://www.prospects.ac.uk/careers-advice/what-can-i-do-with-my-degree/mathematics>

<https://plus.maths.org/content/>

Email:

FWI@bewdley.worcs.sch.uk