

A Level Further Maths!

Bolingbroke Academy follows the Pearson Edexcel exam board for Further Maths A Level – the specification can be found [here](#). In Year 12 you will learn the Decision 1 option, in Year 13 the class will have a choice of Further Pure 1 or Further Mechanics 1.

Bridging Work

For Maths, you will practice your **fluency**. For Further Maths, you have an opportunity to explore beyond the curriculum, and learn about fun and exciting things, for **joy**. Both are important!

You will be able to make exciting and unexpected links between this learning and the content of the Further Maths course.

Your task:

Use the YouTube, podcast and book recommendations below to find some topics which interest you.

Create (at least) one A4 sheet (either handwritten or typed, could have diagrams and pictures) summarising what you have learnt and explored. For example, for each thing you learn about:

A short paragraph summarising the purpose of the content

One thing that you loved

Something which you are curious about

Youtube Channels:

Numberphile

PBS Infinite Series

Vi Hart

Mathologer

3blue1brown

Vsauce

StandupMaths

Podcasts:

More or Less

The Life Scientific

In Our Time

Books – very short selection!:

Chaos by James Gleick

Fermat's Last Theorem by Simon Singh

Music of the Primes by Marcus de Sautoy

Journey Through Genius by William Dunham

Why do buses come in Threes by Rob Eastaway

If you have any questions, please do not hesitate to email me at n.tiemann@arkbolingbrokeacademy.org