

Maths Summer Activities for Year 11

Here are some resources to help to get you thinking about A level Maths and prepare you for the challenges ahead. Please do not feel that you have read or complete all the activities.

Podcasts:

[More or Less \(BBC\)](#)

Fact checking programme – exposes use of bad statistics

[Infinite Monkey Cage \(BBC\)](#)

Humorous look at a variety of STEM topics

[Guardian Weekly Science](#)

The science behind the news

[The Digital Human \(BBC\)](#)

Effect of social media/AI/automation on society

[The Life Scientific \(BBC\)](#)

Interviews with leading scientists

Books:

[Head start to A level maths](#)

Good refresher of higher-level GCSE topics.

Currently Free on Kindle
Other STEM subjects available

[Humble Pi \(Matt Parker\)](#)

A comedy of maths errors – mistakes to avoid.

TED talks:

[The Mathematics of Love](#)

Hannah Fry

[The Magic of Numbers](#)

Bobby Seagull

[The Second Half of the Climate Cheeseboard](#)

Kyle Evans

[How Math is our real Sixth Sense](#)

Eddie Woo

Study programme

There are some sample questions – with worked answers to work through. This will help to ensure that your higher level GCSE knowledge is secure.