

Preparation for Year 12 Maths

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. If you any questions or would like some more work to do, please email me directly – pgreenwood@salisbury6c.ac.uk

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

[OCR additional mathematics](#) This introduces some of the A level topics. This can be studied through the [Integral web-site](#) for which we have free logins available till September. Let us know if you would like a login.

Do not get concerned if you find this self-study difficult.

If you would like more information about the Integral website or would like a log-in, please contact me on the email address above.