

Super Curricular Activities (Maths)

What are Super Curricular Activities?

Super Curricular Activities describe extra-curricular activities that help students to expand their general knowledge and subject knowledge. The list below has been compiled using advice given from Oxford and Cambridge universities about the resources young people could use to enhance their knowledge about the world. *The new GCSE and A Level courses are much more focused on knowledge than in previous years: students who 'read widely' will undoubtedly have an advantage because they will have a deeper understanding of topics and will have nurtured their love of learning.*

Advice on how to use the Super Curricular Activities

Simple: follow your interests and dip in and out of whatever catches your eye! Learning is a life-long commitment and you should relish opportunities to explore new topics and expand your knowledge. The best way to do this is to follow your interests and to stretch yourself to find out more about new topics and ideas: the suggestions below are sources of information you could use to help you to explore any topic that interests you... *keep in mind that although Google and Wikipedia can be useful tools, they don't always have accurate information so cannot be entirely trusted!*

Super Curricular Activities:

- **Websites:**
 - [NRICH](#) – Good problem-solving activities
 - [Brilliant.org](#) - Good problem-solving activities
 - DrFrostMaths – [just for your interest](#) – justifying the reasoning behind topics
 - [Flowingdata.com](#) – Stats for leisure
- **Youtube:**
 - [Numberphile](#) – videos made by mathematicians about maths they are studying
 - [TEDeD Riddles](#) – Problem solving riddles with answers
 - [StandupMaths](#) – Matt Parker's Youtube Channel
 - [Vi Hart](#)
- **Magazines:**
 - [Chalkdust](#)
- **Documentaries/TV:**
 - The Code – Marcus du Sautoy explains the maths that underpins the natural world
 - The Story of Maths – Marcus du Sautoy goes through the history of Maths
 - Precision: The Measure of All Things – Marcus du Sautoy explores why we are driven to measure things
 - School of Hard Sums – Dara O Briain attempts to solve mathematical conundrums with the help of a celebrity guest
- **Theatre:**
 - Festival of the Spoken Nerd
 - The Disappearing Number
- **Books:**
 - Anything by: Marcus duSautoy, Simon Singh, Ben Goldacre, Stephen D Levitt, Alex Bellos, Matt Parker, Ian Stewart, David Acheson, Hannah Fry, Rob Eastaway,