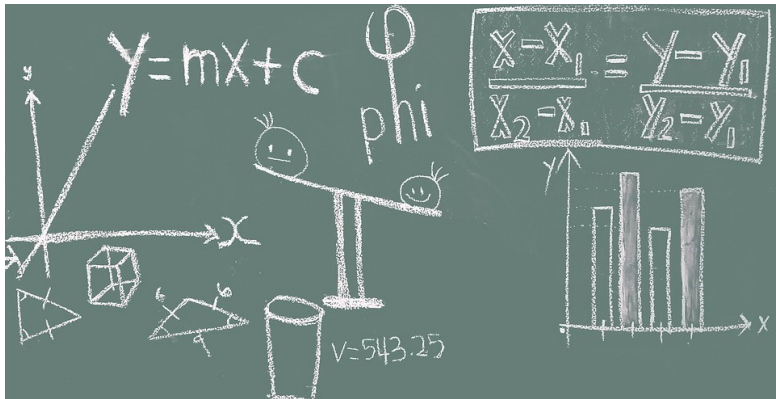




Wider Reading: Maths



This leaflet contains a range of resource suggestions for Wider Reading in your subject.

Other suggestions can be found on Unifrog. You could also speak to your teachers or Miss Hunt for ideas—or search based on your interests.

If you are viewing a digital version, most of the suggestions have been hyperlinked so you can find the resources more easily.

Journals / Magazines

Plus Magazine

Websites

Khanacademy.org

Mathsbank.co.uk

Films

The Imitation Game

Hidden Figures

Good Will Hunting

A Beautiful Mind

The Man who Knew Infinity

Fermat's Room

Stand and Deliver

Books

Fermat's Last Theorem - Simon Singh

Our Mathematical Universe - Max Tegmark

Alan Turing: the Enigma - Andrew Hodges

How to Solve the Da Vinci Code - Dr Richard Elwes

Alex's Adventures in Numberland - Alex Bellos

Zero: The Biography of a Dangerous Idea - Charles Seife

Makers of Mathematics - Stuart Hollingdale

The Great Mathematical Problems - Ian Stewart

Why do Buses Come in Threes - Rob Easterway

The Music of the Primes - Marcus du Sautoy

17 Equations that changed the world - Ian Stewart

Professor Stewart's Casebook of Mathematical Mysteries -
Ian Stewart

The Simpsons and their Mathematical Secrets - Simon
Singh

What If - Randall Munroe

Numbers & Proofs - R.B.J.T. Allenby

Zero: The Nothing that Is - Robert Kaplan

How Not to Be Wrong - Jordan Ellenberg

The Art of the Infinite - Robert and Ellen Kaplan

How to Think like a Mathematician - Kevin Houston

The Math Book - Clifford A Pickover

The Pleasures of Counting - TW Körner

Archimedes' Revenge - Paul Hoffman

Beyond Numeracy - John Allen Paulos

The Code Book - Simon Singh

The Man who knew Infinity - Robert Kanigel

The Language of Mathematics - Keith Devlin

Flatland - Edwin A Abbott

Flatterland - Ian Stewart

Alice's Adventures in Wonderland - Lewis Carroll

Arcadia - Tom Stoppard

The Housekeeper and the Professor - Yoko Ogawa

Other

BBC Radio 4 - More or Less

Podcast - Relatively Prime

Podcast - Wrong but Useful

Youtube - Numberphile

What exactly is 'Wider Reading'?

From **The Royal Literary Fund**: Tutors are always telling students to do this and essays that show evidence of it usually get better marks than those that don't. In a nutshell, it means using a wide range of sources and showing that you've done it. It means thinking creatively about where you can get information that will help you answer your essay question and help you to show a developing knowledge of your subject.

From **The University Blog**: Reading around is like filling up a jar in stages. You start with big rocks of information. When the big rocks fill the jar, you can still put in small stones of detail that fall between the big rocks. When the small stones fill the jar, you can still put in fine sand of specifics to fill in the smallest, unclaimed areas in the jar.

From **Oxbridge Applications**: the idea is that the best students will not only have a rock-solid knowledge and understanding of the core curriculum, but will be aware of and educated on topics not covered in their school studies, or have advanced their learning of core topics to a beyond A-level standard.

If you would like help or guidance with your study skills, you can:

- Speak to Miss Hunt in S5
- Email: Hunt@guiltsborough.northants.sch.uk
- Access the Study Skills Team at **qtvnoiw**



Guiltsborough Academy
Sixth Form