

HELSEBY

Sixth Form



Year 11 Sixth Form Transition Material

Maths

Congratulations on choosing to study Maths at A Level

The information and tasks contained in this booklet will help you to research and prepare for your course when you start at Sixth Form Helsby in September. They will provide you with an overview of what to expect from your A Level studies and help you to develop a greater understanding of the subject.

This is by no means an exhaustive list but it will help you to start thinking about the subject and extra-curricular study and research.

Podcasts/You-tube

Just Maths – blog
Hannah Fry
My Favourite Theorem
Mr Barton Maths
Secrets on Mathematics
Women in Maths – the Limit Does Not Exist

Trips/Visits

Science Museum

Reading

Booklet provided by school – Chapters 1-3
AMSP information
<https://amsp.org.uk/students/gcse-mathematics/studying-maths-beyond-gcse-mathematics/>
Fermat's Last Theorem – Simon Singh
The Curious Incident Of The Dog In The Night Time – Mark Haddon
Revision Guides – to review GCSE topics in A Level course

Films/Documentaries/TV

The Theory of Everything
Hidden Figures
The Man Who Knew Infinity
Enigma
Good Will Hunting
A Beautiful Mind
The Imitation Game
Big Bang Theory

UCAS

<https://www.ucas.com/explore/search/all?query=maths>

Other Resources

Corbett Maths website
Maths Genie website