

Sixth Form wider reading



Maths and Further Maths

General Reading	
Rob Easterway	Why do buses come in threes?
Simon Singh	Fermat's Last Theorem
Alex Bellos	Alex's Adventures in Numberland
Simon Singh	The Simpsons and their Mathematical Secrets –
Timothy Gowers	Mathematics: A very short introduction
Stuart Hollingdale	Makers of Mathematics –
David Wells	The Penguin Dictionary of Curious and Interesting Numbers –
<i>Online Resources</i>	
https://www.ted.com/search?q=Mathematics – TED talks on a number of different mathematical concepts	
https://nrich.maths.org/8650 - Resources for A Level students. Encourages development of problem-solving skills	
Hannah Fry – How to get lucky: https://www.youtube.com/watch?v= q4DrUHKC0Q	
Matt Parker – What happens when Maths goes wrong?: https://www.youtube.com/watch?v=6JwEYamjXpA	
Hannah Fry – How to bend the rules: https://www.youtube.com/watch?v=TtisQ9yZ2zo	
Matt Parker – 4D Maths: https://www.youtube.com/watch?v=1wAal_6b9JE	

Textbooks which we use on the course	
A level Maths	
Year 1/AS Pure Mathematics	Pearson Edexcel
Year 1/AS Statistics & Mechanics	Pearson Edexcel
Year 2 Pure Mathematics:	Pearson Edexcel
Year 2 Statistics & Mechanics	Pearson Edexcel
A level Further Maths	
Book 1/AS Core Pure Maths	Pearson Edexcel
Book 2 Core Pure Maths	Pearson Edexcel
Further Mechanics 1	Pearson Edexcel
Further Mechanics 2	Pearson Edexcel