



Joyce Frankland Academy

Newport

Established 1588 free Grammar Schole of Newport



Key Stage 3

Key Stage 4

Title	Author	Links to curriculum	Fiction? Non-fiction? Genre?
The Number Devil	Hans Magnus Enzensburger	Geometry and number	Fiction
Murderous Maths	Kajartan Poskitt	Encourages Inquisitiveness about maths.	Children's, mathematics
The Adventures of Penrose the Mathematical Cat	Theoni Pappas	Geometry and number. Inquistiveness	Fiction
Title	Author	Links to curriculum	Fiction? Non-fiction? Genre?
Fermat's Last Theorem	Simon Singh	Inspiration	Non-fiction
The code book: The Secret History of Codes and Code Breaking	Simon Singh	Number, problem solving	Non-Fiction
Mathematics minus Fear	Lawrence Potter	Number, patterns and probability	Non-Fiction
Why do buses come in threes?	Rob Eastaway and Jeremy Wyndham	Real life maths- Everyday maths Inquisitiveness	Non-Fiction
How long is a piece of string?	Rob Eastaway and Jeremy Wyndham	Real life maths- Everyday maths Inquisitiveness	Non-Fiction

Key Stage 5 (if applicable)

Title	Author	Links to curriculum	Fiction? Non-fiction? Genre?
Fermat's Last Theorem	Simon Singh	Inspiration	Non-Fiction
Does God Play Dice	Ian Stewart	Chaos Theory post curriculum	Non-Fiction
A Beautiful Mind	Sylvia Nasar	Inspiration	Non-Fiction Biography
17 Equations that Changed the World	Ian Stewart	Across the maths curriculum and relevance to real life maths	Non-Fiction
The Code book: The Secret History of Codes and Code Breaking	Simon Singh	Number, problem solving	Non-Fiction

The Man Who Loved Only Numbers	Paul Hoffman	Inquisitiveness	Non-Fiction Biography
1089 and All That	David Acheson	Calculus	Non-Fiction
Alex's Adventures in Numberland	Alex Bellos	Inquisitiveness- weird and wonderful maths phenomena	Non-Fiction