

MATHS Year 7



TERM	KEY READING	ADDITIONAL RESOURCES
AUTUMN 1	The Boy Who Loved Math: The Improbable Life of Paul Erdős	Film: Hidden figures (2016 Disney)
AUTUMN 2	Blockhead: The Life of Fibonacci	Uses of Negative Numbers in the Real World - Maths Careers
SPRING 1	Infinity and Me	Film A Trip to Infinity (2022) (PG) Maths in a minute: Measure plus.maths.org
SPRING 2	Counting on Katherine: How Katherine Johnson Put Astronauts on the Moon	Uses of Percentages in the Real World - Maths Careers
SUMMER 1	On a Beam of Light: A Story of Albert Einstein	Squaring Primes - Numberphile (youtube.com)
SUMMER 2	The Thrilling Adventures of Lovelace and Babbage by Sydney Padua	Puzzle plus.maths.org

MATHS Year 8



TERM	KEY READING	ADDITIONAL RESOURCES
AUTUMN 1	Murderous Maths series by Kjartan Poskitt	Film The Man Who Knew Infinity (12A)
AUTUMN 2	The Indisputable Existence of Santa Claus by Hannah Fry and Thomas Oléron Evans	Mountain Navigation Using Scale, Coordinates and Bearings - Maths Careers How to Make a Flexagon Christmas Card - Maths Careers
SPRING 1	The Number Devil by Hans Magnus Enzensberger	The maths of shrinkflation – how your food could be getting smaller - Maths Careers
SPRING 2	Can you Solve my Problems? by Alex Bellos	Practical Numbers - Numberphile (youtube.com)
SUMMER 1	The 'Uncle Albert' Series by Russell Stannard	Marcus du Sautoy's Five Shapes
SUMMER 2	The Phantom Tollbooth by Norton Juster	Podcast : Its all in your head

MATHS Year 9



TERM	KEY READING	ADDITIONAL RESOURCES
AUTUMN 1	Why do Buses Come in Threes? by Rob Eastaway and Jeremy Wyndham	10 Jobs That Use Pi - Maths Careers
AUTUMN 2	How Many Socks Make a Pair? by Rob Eastaway	Film Gifted (12A) Black Heroes of Mathematics - An Inspirational Talk
SPRING 1	Flatterland by Ian Stewart	Pythagoras Saves the Whales - Maths Careers
SPRING 2	Mathematics for the Curious by Peter Higgins	The Story of Maths - The history of mathematics from ancient times to the present day. The series covers the seminal moments and people in the development of maths. Episode 1 Episode 2 Episode 3 Episode 4
SUMMER 1	Elastic Numbers by Daniel Griller	BBC Podcast: More or less Weekly podcast on current issues.
SUMMER 2	Things to Make and Do in the Fourth Dimension by Matt Parker	KS3 Maths - BBC Bitesize

MATHS Year 10



TERM	KEY READING	ADDITIONAL RESOURCES
AUTUMN 1	The Joy of X: A Guided Tour of Mathematics from One to Infinity by Steven Strogatz	An A-Z of Maths Applications - Maths Careers
AUTUMN 2	How to Solve It by George Polya	Can Yule solve my problem - podcast by Alex Bellos
SPRING 1	Maths On The Back Of An Envelope by Rob Eastaway	Uses of Fractions in the Real World - Maths Careers Pythagoras Saves the Whales - Maths Careers
SPRING 2	The Code Book by Simon Singh	Film The Imitation Game (2014) (12)
SUMMER 1	The Language of Mathematics by Keith Devlin	A Brief History of Mathematics - podcast with Marcus de Sautoy
SUMMER 2	How to Cut a Cake: and Other Mathematical Conundrums by Ian Stewart	Maths Genie - Free Online GCSE and A Level Maths Revision

MATHS Year 11



TERM	KEY READING	ADDITIONAL RESOURCES
AUTUMN 1	The Mathematical Universe: Alphabetical Journey Through the Great Proofs, Problems & Personalities by William Dunham	What Is the Point of Studying Maths at GCSE? - Maths Careers
AUTUMN 2	Mathematics: A Very Short Introduction by Timothy Gowers	Film A Beautiful Mind (Paramount 2001) (15) Article: Welcome to the world of symmetry
SPRING 1	The Number Mysteries by Marcus du Sautoy	Article: Myths of maths
SPRING 2	Fermat's Last Theorem by Simon Singh	Maths Genie - Free Online GCSE and A Level Maths Revision
SUMMER 1	Chaos by James Gleick	A Tribute to Euler (You tube) by William Dunham - Click here
SUMMER 2	What If? Absurd Hypothetical Questions - What would happen if everyone jumped at the same time? ...	Is A Level Maths Hard? - Maths Careers