



# **FICTION BOOKS**

#### Noah Scape Can't Stop Repeating Himself by Guy Bass

Frustrated by life's deviations from dinosaur facts and preferred lunches, Noah gains the power to replicate himself, leading to unforeseen consequences.

#### Never Odd or Even by John Townsend

Eliot has an awesome brain! He loves palindromes and maths and he uses his talent to solve the mystery behind the burglary but it's not who you may have suspected.

#### Einstein: The Girl Who Hated Maths by John Agard

From the mysterious power of the decimal point to the oddity of odd numbers, fun and wonder are the essence of these remarkable poems. The winner of the Queen's Gold Medal for Poetry takes us through the delight and silliness maths has to offer.

#### **Double Felix by Sally Harris**

Felix's life revolves around the number two. He skips every second step when he takes the stairs, taps door handles twice and positions objects in pairs. Then Charlie Pye arrives and turns his world upside down.

#### **Ruby Redfort Series by Lauren Child**

Fancy being a secret agent? Feel the panic as teenager Ruby is coopted into a life and death situation and must use her genius brain to survive. Enjoy the entire series!

## **ONLINE ARTICLES AND MAGAZINES**

**Catalyst Magazine NRICH Parallel Maths Project BBC Maths Parallel Maths Project** 

Explore TCOLC's E-Library HERE



# **NON-FICTION BOOKS**

#### *How big is 43 quintillion?* By Lynn Huggins-Cooper

Simple explanations accompanied by amusing infographics help readers visualise large numbers and get a grip on basic concepts in Maths.

#### A Maths Journey Around The Wonders Of The World by **Steve Mills**

Go on a real-life maths journey to practise the core topics of number, geometry, statistics, ratio & proportion, algebra and measurement.

#### Katherine Johnson by Ebony Joy Wilkins

In this biography, discover the inspiring story of Katherine Johnson, famed NASA mathematician and one of the subjects of the award-winning 2016 film Hidden Figures.

#### What's the Point of Maths? by Clarisse Hassan

This book unpacks how maths is an essential part of our everyday life in ways that you never thought of. Crazy facts, magic tricks and mathematical brainteasers.

#### Grace Hopper: The Woman Behind Computer **Programming by Nancy Loewen**

This book delves into the life of Grace Hopper, a pioneering mathematician and computer programmer who played a crucial role in the development of computer programming.

## **PODCASTS AND MEDIA**

Numberphile

Khan Academy

**Dr Hannah Fry's Videos** 

**Sumaze Maths Puzzle Apps** 

**BBC More or Less Podcast** 





# **FICTION BOOKS**

### Game Theory by Barry Jonsberg

A boy uses the mathematical concept of game theory to try and free his younger sister from kidnappers who are holding her to ransom after his older sister wins the lottery.

#### White Rabbit, Red Wolf by Tom Pollock

Seventeen-year-old math prodigy Peter Blankman, fearing everything, confronts unimaginable terror when his mother is attacked, finding solace in the logical world of mathematics and family love.

### What's Up with Jody Barton? By Hayley Long

Twins Jody and Jolene couldn't be more different. Jody is a maths geek, whilst Jolene is into make-up and flirting. Then they both fall for the same boy. Jody also has a very big secret that no one knows about.

### Moss Witch by Sarah Maitland

Collection of stories inspired by science, accompanied by after-words written by the scientists that consulted on each one, explaining the science behind it.

### *Numbers* by Rachel Ward

Jem holds a secret: she sees the date of others' deaths. At the London Eye, she discovers everyone in the queue shares the same ominous number, foretelling a terrible event.

# **ONLINE ARTICLES AND MAGAZINES**

<u>Catalyst Magazine</u> NRICH **Parallel Maths Project Nuffield Applying Mathematical Processes Don Steward Blog** 



# **NON-FICTION BOOKS**

#### Introducing Game Theory by Ivan and Tuvana Pastine

This book illuminates the powerful concept shaping our understanding of social dynamics and global politics. Explore its applications from personal interactions to international strategies.

### Weird Maths by David J Darling and Agnijo Banerjee

Packed with puzzles and paradoxes, mind-bending concepts and surprising solutions, this is a magical introduction to the mysteries of maths.

#### The Man Who Knew Infinity: A Life of the Genius, Ramanujan by Robert Kanigel

A biography of a modern mathematician, from the temples and slums of Madras to the courts and chapels of Cambridge University.

#### Numbers in Minutes by Julia Collins

The maths surrounding the key numbers including: zero, negatives, percentages, prime numbers, fractions, decimals, pi, squares, cubes, roots, powers, Fibonacci, and the golden ratio.

#### How to Build a Brain and 34 Other Really Interesting Uses of Maths by Richard Elwes

Demystifies the astonishing world of maths in a series of intriguing, entertaining and often extraordinary scenarios - that explain key concepts in plain and simple language.

## **PODCASTS AND MEDIA**

<u>Numberphile</u>

Khan Academy

**BBC More or Less Podcast** 

**The Secrets of Mathematics: University of Oxford Plus Podcasts: Bringing Maths to Life**