

## GCSE Maths

A prefix of a **1** indicates the book is accessible to all students, a **2** indicates the book is accessible to able or well motivated students in Years 7-9 and a **3** indicates the book is accessible to able or well motivated students in Years 10-11

### **Podcasts and Videos**

- 1 Story of Maths

The history of mathematics from ancient times to the present day. Narrated by Oxford mathematics professor Marcus du Sautoy, the series covers the seminal moments and people in the development of maths.

- Language of the Universe -  
<https://www.dailymotion.com/video/x7brlc8?playlist=x7mdrx>
- The Genius of the East -  
<https://www.dailymotion.com/video/x7f7ugq?playlist=x7mdrx>
- The Frontiers of Space -  
<https://www.dailymotion.com/video/x1ejpsx?playlist=x7mdrx>
- To Infinity and Beyond -  
<https://www.dailymotion.com/video/x1ejqof?playlist=x7mdrx>
- 1A Brief History of Mathematics - Professor Marcus du Sautoy argues that mathematics is the driving force behind modern science. Ten fifteen minute podcasts that reveal the personalities behind the calculations from Newton to the present day. How do these masters of abstraction find a role in the real world? - [Free BBC Podcast](#)
- 1 A Tribute to Euler (You tube) by William Dunham - [Click here](#)
- 1 Black Heroes of Mathematics - [An Inspirational Talk](#)

### **Books**

- The Number Devil
  - 1 The Number Devil is about twelve year old Robert who hates maths. Then in a dream, Robert meets the Number Devil, who brings the subject magically yo life, illustrating with wit and charm a world in which numbers can fascinate and amaze by Hans Magnus Enzensberger
- Randall Munroe
  - 2 What If? Absurd Hypothetical Questions - What would happen if everyone jumped at the same time? ...

- 2 How To. Absurd Scientific Advice - How to Power Your House ...
- The Man Who Counted
  - 3The Man Who Counted is a collection of famous mathematical puzzles, taken from a popular newspaper column, features the ""writings"" of the fictional author, Malba Tahan, who describes different mathematical puzzles and solutions applied to real situations.

These are fun reads that would aid learning!