Revision Resources

GCSE Maths

Revision Guides

CGP Revision guides – Please see Mr Cook if you would like to purchase one

Websites

- www.mathswatchvle.com
- www.mymaths.co.uk
- www.kerboodle.co.uk

Reading List

- The Codebook - (An interesting exploration into the different types of codes and CYPHERS used throughout history. It is a very good GENERAL MATHS BOOK, covering elements of basic number theory, physics (potential of photon money!), statistics (frequency Analysis) and computing.)
  Simon Singh

- The Mathematics of Ciphers
  S.C. Coutinho

- In Code
  Sara Flannery

- A History of Mathematics
  Carl B. Boyer

- Infinity: The Quest to Think the Unthinkable – (This is definitely one of the better books on the subject - 'A chronological biography of the concept of infinity, from Greeks to present day'.)
  Brian Clegg

- E, the Story of a Number
  Eli Maor

- The Emperor's New Mind

Roger Penrose

- The Mathematical Universe
  William Dunham

- The Wonders of Numbers
  Clifford Pickover

- From Here to Infinity
  Ian Stewart
- The Art of the Infinite: Our Lost Language of Numbers
  Robert Kaplan

- What is Mathematics?
  Richard Courant, Herbert Robbins and Ian Stewart

- Flatterland – (Fantastic take on a 19th century book about different geometries, starts by explaining 4d by exploring the way our 3d world would look to a 2d or 1d person!)
  Ian Stewart

- The Number Devil: A Mathematical Adventure – (An entertaining book, and certainly one for younger people looking for some interesting, yet accessible, mathematics.)
  Hans Magnus Enzensberger

- Art of the Infinite – (More mainstream, targeted at expanding mathematical awareness.)
  Kaplan

- Imagining Numbers: Particularly the Square Root of Minus Fifteen – (Mazur takes the scenic route to complex numbers, via a deep exploration of their history and a brief tour of the science of the imagination)

  Barry Mazur

- A Very Short Introduction to Mathematics – (Tiny, incredibly dense book written by a Fields Medallist. It provides a great jumping off point for further independent reading around maths, and a glimpse of the character of 'real maths'.)
  Timothy Gowers

- Linear Algebra Step – (It has complete solutions to all the problems in the book.)
  Step by Singh.