

## **QEGS Maths Reading List**

### **KS3**

Alex Bellos *Can You Solve My Problems? A casebook of puzzles*

Hans Magnus Enzenberger *The Number Devil: A Mathematical Adventure*

Alex Bellos *Snowflake, Seashell, Star*

Rob Eastaway *How Many Socks Make a Pair*

Marcel Danesi *The Liar Paradox and the Towers of Hanoi*

Russell Stannard *The Time and Space of Uncle Albert*

Clifford A Pickover *The Math Book*

Dr Hannah Fry and Dr Thomas Oleron Evans *The Indisputable Existence of Santa Claus*

Sydney Padua *The Thrilling Adventures of Lovelace and Babbage*

Martin Gardner *Mathematics, Magic and Mystery*

Alex Bellos *Alex's Adventures in Numberland – Maths around the World!*

Marcus du Sautoy *The Number Mysteries*

### **KS4 and above**

Simon Singh *The Code Book: The Secret History of Codes and Codebreaking*

*The Ultimate Mathematical Challenge*

Rob Deaves *The Monty Hall Problem: Beyond Closed Doors*

Rob Eastaway *Why do buses come in Threes? The hidden mathematics of everyday life.*

David Wells *Games and Mathematics*

Matt Parker *Things to Make and Do in the Fourth Dimension*

Ian Stewart *Flatterland: Like Flatland Only More So*

David Wells *Penguin Dictionary of Curious and Interesting Numbers*

Ian Stewart *The Great Mathematical Problems*

Peter Winkler *Mathematical Puzzles*

Ian Stewart *How to cut a Cake*