Subject: Maths

Wider reading lists for students

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| Year group | Topic/module | Suggested reading |
| 7 | Geometry: Introduction to the Pythagorean theorem | WHAT'S YOUR ANGLE, PYTHAGORAS? Author: [Julie Ellis](https://www.mathsthroughstories.org/interview_julie_ellis.html) ​Illustrator: [Phyllis Hornung](http://www.phyllishornungpeacock.com/) |
| 7 | Introduce or reinforce the concept of circumference, diameter and pi | SIR CUMFERENCE AND THE DRAGON OF PI Author: [Cindy Neuschwander](http://www.mathsthroughstories.org/interview_cindy_neuschwander.html) ​Illustrator: [Wayne Geehan](http://www.waynegeehan.com/) |
| Year 7-9 | Maths in football | The Numbers Game: Why everything you know about football is wrong |
| Year 7-9 | Mostly number | Murderous Maths Book Series, by Kjartan Poskitt  See the source image See the source image See the source image |
| Year 7-9 | Number | The Number devil, by Hans Magnus |
| Year 7-9 | All Maths | Alice in Wonderland, by Lewis Carroll |
| Year 9-11 | Number | Marcus Du Sautoy – The Music of the Primes |
| Year 9-11 | Mathematical ideas | See the source image100 Essential things you didn’t know you didn’t know, by Jon D Barrow |
| Year 9-11 | Number | Marcus Du Sautoy –The Number Mysteries |
| Year 9-11 | Mathematics in general | 30-Second Maths: The 50 Most Mind-Expanding Theories In Mathematics, Each Explained In Half A Minute  by [Richard J. Brown](https://www.goodreads.com/author/show/6053503.Richard_J_Brown) |
| Year 9-11 | Mathematics in general | See the source imageSimon Singh – The Simpsons and their Mathematical secrets |
| Year 9-11 | Infinity | Infinity: The Quest to Think the Unthinkable, by [Brian Clegg](https://www.amazon.co.uk/Brian-Clegg/e/B001IR3BJG/ref=dp_byline_cont_book_1) |
| Year 9-11 | Zero | Zero: The Biography of a Dangerous Idea, by Charles Seife |
| Year 10 - 11 | Statistics | See the source imageThe Tiger that isn’t, by [Michael Blastland](https://www.amazon.co.uk/Michael-Blastland/e/B001JPCC4C/ref=dp_byline_cont_book_1) and [Andrew Dilnot](https://www.amazon.co.uk/s/ref=dp_byline_sr_book_2?ie=UTF8&field-author=Andrew+Dilnot&text=Andrew+Dilnot&sort=relevancerank&search-alias=books-uk) |
| Y11 | Chaos Theory | Chaos; The Amazing Science of the Unpredictable, by [James Gleick](https://www.amazon.co.uk/James-Gleick/e/B000AQ3M1I/ref=dp_byline_cont_book_1) |