



Co-op Academy
Priesthorpe

Key Stage 4

Watch

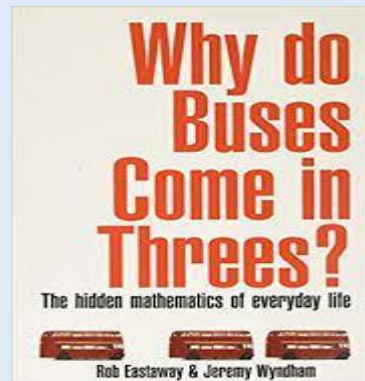
The infinite hotel paradox



<https://www.youtube.com/watch?v=r-gKzzRrOwTE>

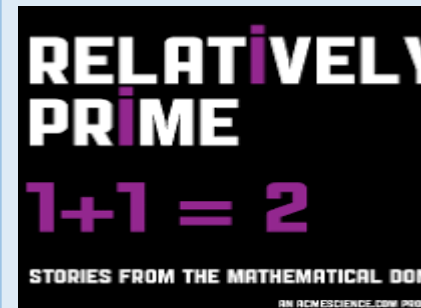
Read

Why do buses come in threes? The Hidden Mathematics of Everyday Life.



Listen

Listen to maths documentary podcast – Relatively Prime, by Samuel Hansen –



<http://relprime.com/>

Visit

Bletchley Park – visit Bletchley Park and explore the world of coding and maths.



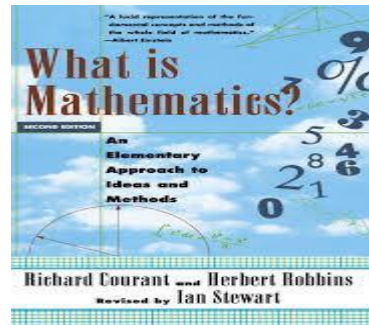
<https://www.bletchleypark.org.uk/visit-us>

The Four Colour Map Theorem

The 4 Colour Theorem

https://youtu.be/ANY7X-_wpNs

What is Mathematics? An elementary approach to Ideas and Methods Richard Courant's book.



The Numberphile full of fascinating number facts

Numberphile

<https://www.numberphile.com/>

Visit 'The Curious Incident of the Dog in the Night time' By Mark Haddon play in the theatre.

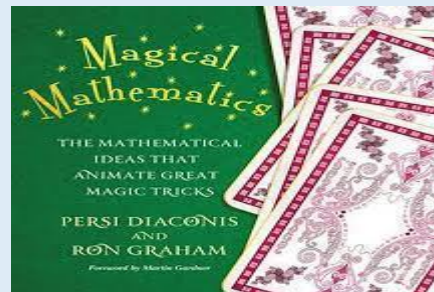


Man and the rise of Civilisation episode 1 – 'The Beginnings of Numbers' -



<https://youtu.be/DVngFvtZwAU>

Magical Mathematics: The mathematical ideas that animate great magic tricks Persi Diaconis and Ron Graham's book reveals the secrets of fun-to-perform card tricks.



Maths week England podcasts by Rob Eastway and Andrew Jeffery

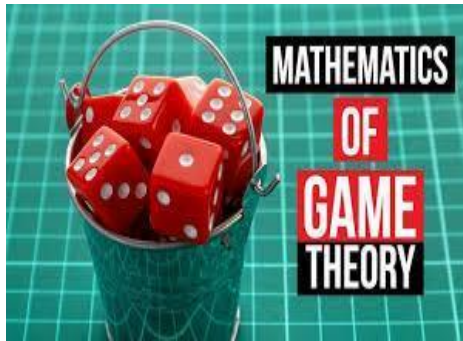


<https://mathsweekengland.co.uk/category/podcasts/>

Visit Brackley Mercedes AMY Petronas Formula One Team in London

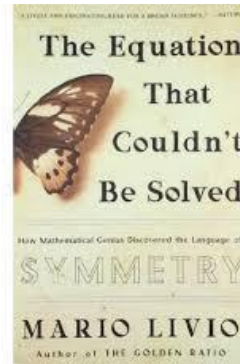


Discover GAME THEORY by watching this video.

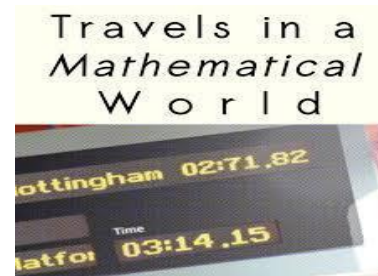


<https://youtu.be/dHi8BVZFhdA>

The equation that couldn't be solved:

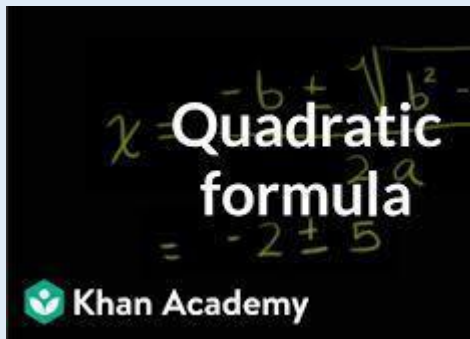


Listen to "travels in a mathematical world" by Peter Rowlett



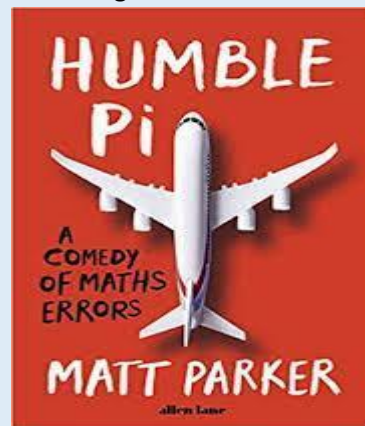
<http://www.travelsinamathematicalworld.co.uk>

Can you prove the quadratic formula? Find out how.



<https://www.khanacademy.org/math/algebra/quadratics/solving-quadratics-using-the-quadratic-formula/v/proof-of-quadratic-formula>

Humble Pi – a comedy of maths errors, by Matt Parker. Read real life stories about how maths goes wrong with real world consequences by math magician Matt Parker.



Breaking Maths Podcast by Dr Alex Alaniz on Google Podcasts or on the breaking maths podcast.app

