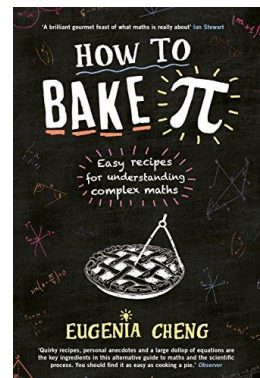
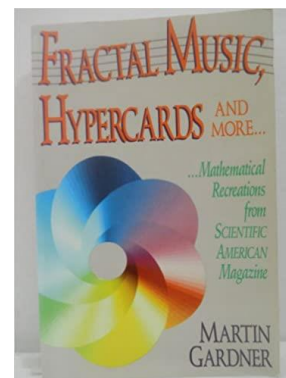
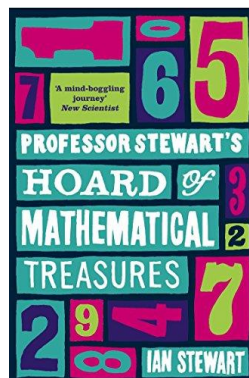
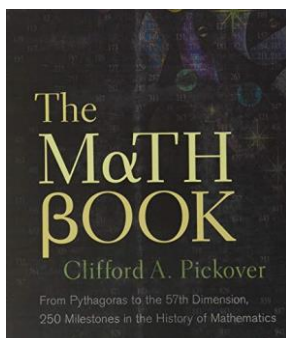
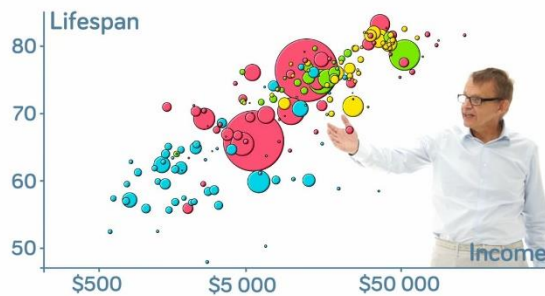




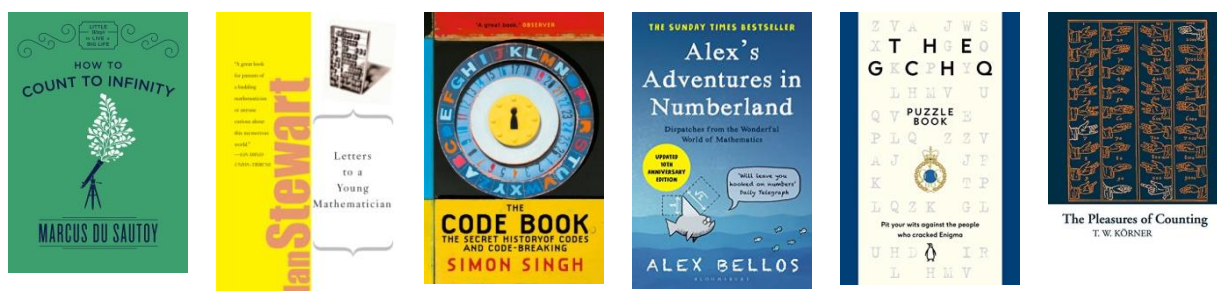
**KING EDWARD VI  
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# KS4 Supercurricular MATHEMATICS

Google classroom: qjanrks



## Reading



<b>Thinking Better: The Art of the Shortcut, Marcus du Sautoy</b>	<b>978-0008393953</b>
<b>How to Count to Infinity: Little Ways to Live a Big Life, Marcus du Sautoy</b>	<b>978-1786484970</b>
<b>The Music of the Primes: Why an Unsolved Problem in Mathematics Matters, Marcus du Sautoy</b>	<b>978-1841155807</b>
<b>Finding Moonshine: A Mathematician's Journey Through Symmetry, Marcus du Sautoy</b>	<b>978-0007214624</b>
<b>Around the World in 80 Games: A mathematician unlocks the secrets of the greatest games, Marcus du Sautoy</b>	<b>978-0008525910</b>
<b>Professor Stewart's Hoard of Mathematical Treasures, Ian Stewart</b>	<b>978-1846683466</b>
<b>Letters to a Young Mathematician, Ian Stewart</b>	<b>978-0465082322</b>
<b>Seventeen Equations that Changed the World, Ian Stewart</b>	<b>978-1846685323</b>
<b>Another Fine Math You've Got Me Into, Ian Stewart</b>	<b>978-0716723417</b>
<b>Does God Play Dice?, Ian Stewart</b>	<b>978-0140256024</b>
<b>Game, Set and Math, Ian Stewart</b>	<b>978-0486458847</b>
<b>From Here to Infinity, Ian Stewart</b>	<b>978-0192832023</b>
<b>The Code Book, Simon Singh</b>	<b>978-1857028898</b>
<b>The Simpsons and Their Mathematical Secrets, Simon Singh</b>	<b>978-1408842812</b>
<b>Fermat's Last Theorem, Simon Singh</b>	<b>978-1841157917</b>
<b>Alex's Adventures in Numberland, Alex Bellos</b>	<b>978-1526623997</b>
<b>Alex Through the Looking Glass, Alex Bellos</b>	<b>978-1408845721</b>
<b>Fractal Music, Hypercards and More, Martin Gardner</b>	<b>978-0716721895</b>
<b>My Best Mathematical and Logic Puzzles, Martin Gardner</b>	<b>978-0486281520</b>
<b>The Colossal Book of Mathematics, Martin Gardner</b>	<b>978-0393020236</b>
<b>The Hidden Mathematics of Sport, Rob Eastaway</b>	<b>978-1911622284</b>

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<b>Why do buses come in threes?, Rob Eastaway</b>	<b>978-1861058621</b>
<b>The GCHQ Puzzle Book</b>	<b>978-0718185541</b>
<b>How to Solve it, George Polya</b>	<b>978-0140124996</b>
<b>Makers of Mathematics, Stuart Hollingdale</b>	<b>978-0486450070</b>
<b>Mathematicians: An Outer View of the Inner World, Mariana Cook</b>	<b>978-0691139517</b>
<b>Problem solving Through Recreational Mathematics, Bonnie Averbach &amp; Orin Chein</b>	<b>978-0486409177</b>
<b>How to Bake Pi: Easy Recipes for Understanding Complex Maths, Eugenia Chang</b>	<b>978-1781252888</b>
<b>The Math book, Clifford A Pickover</b>	<b>978-1402788291</b>
<b>Solving Mathematical Problems, Terence Tao</b>	<b>978-0199205608</b>
<b>The Pleasures of Counting, TW Körner</b>	<b>978-0521568234</b>
<b>Luck, Logic and White Lies: The Mathematics of Games, Jörg Bewersdorff</b>	<b>978-0367548414</b>
<b>The Penguin Dictionary of Curious and Interesting Numbers, David Wells</b>	<b>978-0140261493</b>

## Listening

[More or Less](#)



[In Our Time](#)



[A Brief History of Mathematics](#)



[A Brief History of Infinity](#)



[A History of Britain in Numbers](#)



[A History of the World in 100 Objects: The Rhind Mathematical Papyrus](#)



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[Discovery—Nirvana by Numbers](#)



[Maths and Magic](#)



[Infinite Monkey Cage](#)



**The Life Scientific**

[Ian Stewart](#)

[Nira Chamberlain](#)

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[The Mathematics of Elections](#)



**Desert Island Discs**

[Ian Stewart](#)

[David Spiegelhalter](#)



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## Viewing

[Numberphile](#)



[This World: Don't Panic—The Truth About Population](#)



[The Joy of Winning](#)



[The Joy of Logic](#)



[The Joy of Stats](#)



[The Joy of Data](#)



[Tails You Win: The Science of Chance](#)



**Magic Numbers: Hannah Fry's  
Mysterious World of Maths**

[1: Numbers as God](#)

[2: Expanded Horizons](#)

[3: Weirder and Weirder](#)



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**The Story of Maths**

[1: The Language of the Universe](#)

[2: The Genius of the East](#)

[3: The Frontiers of Space](#)

[4: To Infinity and Beyond](#)



[Horizon - Fermat's Last Theorem](#)



[Secret Knowledge—The Art of the Impossible](#)



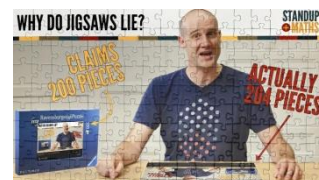
[The Secret Rules of Modern Living—Algorithms](#)



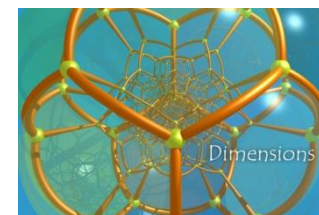
[TED Talks \(Maths\)](#)



[Stand-up Maths](#)



[Dimensions](#)

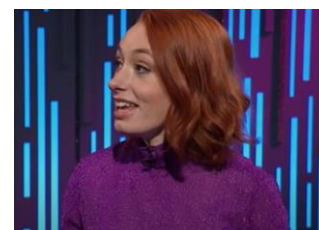


**Royal Institution Christmas Lectures: 2019 - Secrets and Lies (Hannah Fry)**

[1: How to Get Lucky](#)

[2: How to Bend the Rules](#)

[3: How Can We All Win?](#)



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Royal Institution Christmas Lectures: 2006 - The Num8er My5teries (Marcus du Sautoy)

[1: The Curious Incident of the Never-Ending Numbers](#)

[2: The Story of the Elusive Shapes](#)

[3: The Secret of the Winning Streak](#)

[4: The Case of the Uncrackable Code](#)

[5: The Quest to Predict the Future](#)



Royal Institution Christmas Lectures: 1997 - The Magical Maze (Ian Stewart)

[1: Sunflowers and Snowflakes](#)

[2: The Pattern of Tiny Feet](#)

[3: Outrageous Fortune](#)

[4: Chaos and Cauliflowers](#)

[5: Fearful Symmetry](#)



Royal Institution Christmas Lectures: 1978 - Mathematics into Pictures (Christopher Zeeman)

[1: Linking and Knotting](#)

[2: Numbers and Geometry](#)

[3: Infinity and Perspective](#)

[4: Games and Evolution](#)

[5: Waves and Music](#)

[6: Catastrophe and Psychology](#)





## Websites

[Dr Frost Maths](#)

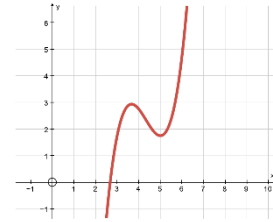
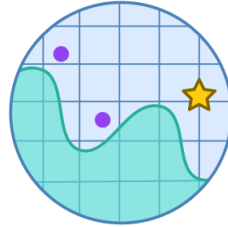
[Corbett Maths](#)

[Mr Barton Maths](#)

[Geogebra](#)

[Desmos](#)

[Autograph](#)

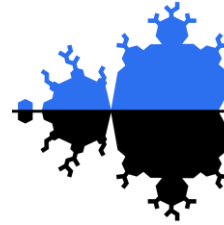


[UKMT Intermediate Mathematical Challenge](#)

[National Cipher Challenge](#)

[Parallel](#)

[Brilliant](#)

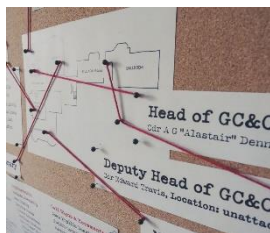


[Mathigon](#)

[NRich](#)

[Bletchley Park](#)

[Cut the Knot](#)



[@standupmaths](#)

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