

# THE CORSHAM6TH MATHS & FURTHER MATHS

super curricular activities

## WATCH

- TedTalks  
[https://www.ted.com/playlists/189/math\\_talks\\_to\\_blow\\_your\\_mind](https://www.ted.com/playlists/189/math_talks_to_blow_your_mind)
- The Mathematics of Love  
[https://www.ted.com/talks/hannah\\_fry\\_the\\_mathematics\\_of\\_love](https://www.ted.com/talks/hannah_fry_the_mathematics_of_love)
- Modelling the Coronavirus  
[https://www.youtube.com/watch?v=bdMr0\\_jgRHk&t=1s](https://www.youtube.com/watch?v=bdMr0_jgRHk&t=1s)

Films: The Imitation Game (2014), Hidden Figures (2016), Pi (1998), X + Y (2014).



## READ

- Humans by Matt Haig
- The Simpsons and their Mathematical Secrets by Simon Singh
- Humble Pi by Matt Parker
- The Art of Statistics by David Spiegelhalter
- How to make the World Add Up by Tim Harford
- The Tiger that Isn't by Micheal Blastland
- Fermat's Last Theorem by Simon Singh
- Factfulness by Hans Rosling

## LISTEN

- Oxford podcasts: The Secret of Mathematics  
<https://podcasts.ox.ac.uk/series/secrets-mathematics>
- The Infinite Monkey Cage  
<https://www.bbc.co.uk/programmes/b00snr0w>



## FOLLOW

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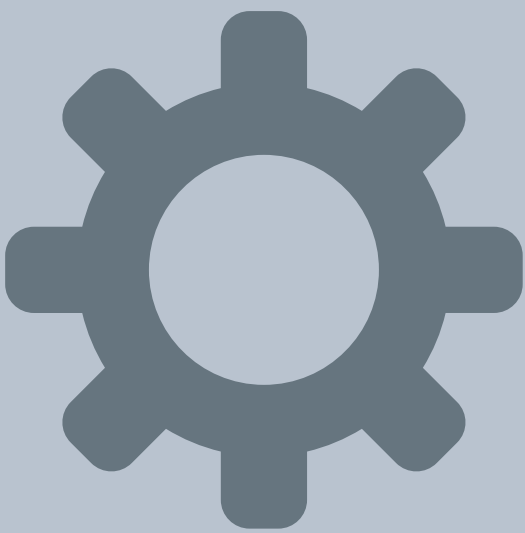
THE  
CORSHAM6<sup>TH</sup>

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## RESEARCH

- Learn how to use GeoGebra <https://www.geogebra.org/m/XUv5mXTm>
- Maths Careers <https://www.mathscareers.org.uk/16-19/>
- GapMinder - demonstrating global misconceptions <https://www.gapminder.org/>



## CREATE

Without using graphing software, try and sketch:

$$Y = x \ln(x)$$

$$Y = xx$$

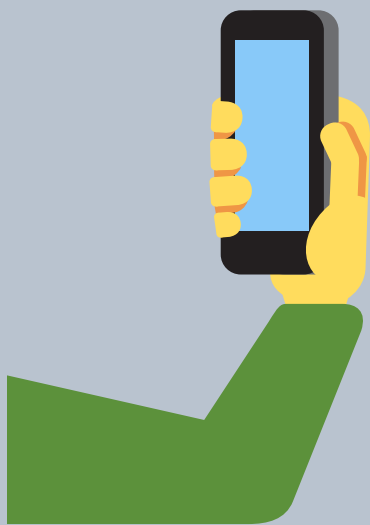
$$Y2 = x \sin(x)$$

STEM related origami -

<https://howtostem.co.uk/origami-and-stem/>

## VISIT

- Festival of the Spoken Nerd
- MathsJam Meetings
- Bletchley Park, Milton Keynes
- Mechanical Art and Design Museum, Stratford-upon-Avon



## APPS & WEBSITES

- (APP) Sumaze!
- <https://www.jethwamaths.com/>
- <https://www.examsolutions.net/>
- <https://www.mathsgenie.co.uk/>
- [https://www.youtube.com/user/stan\\_dupmaths](https://www.youtube.com/user/stan_dupmaths)
- <https://www.mrhardymaths.co.uk/>
- <https://amsp.org.uk/>

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