

THE CORSHAM6TH I.T COMPUTING

super curricular activities

WATCH

- A Brain in a Super Computer- <https://m.youtube.com/watch?v=LS3wMC2BpxU&list=PLF7032F8EB1A4F9E2&index=11>
- Tim Berners-Lee: The year open data went worldwide- <https://m.youtube.com/watch?v=3YcZ3Zqk0a8&list=PLF7032F8EB1A4F9E2&index=21>



READ

- New Scientist Magazine
- The Register News Website
- Algorithmic Puzzles by Anany and Maria Levitin
- How Google Works by Eric Schmidt and Jonathan Rosenberg
- Algorithms to Live By: The Computer Science of Human Decisions by Brian Christian and Tom Griffiths

LISTEN

- <https://www.programmingthrowdown.com/>
- <https://podcasts.ox.ac.uk/series/computer-science>
- <https://www.cbc.ca/radio/spark>



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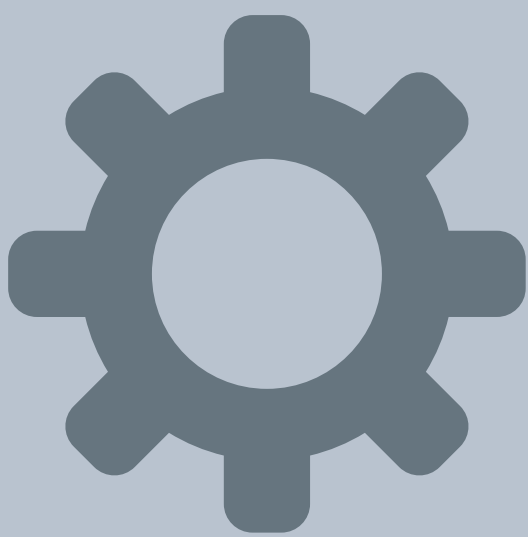
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RESEARCH

- No Touch Interfaces- <https://www.itpro.co.uk/hardware/357609/is-the-future-of-touchscreens-touchless>
- P versus NP problem- <https://www.youtube.com/watch?v=EHp4FPyajKQ>

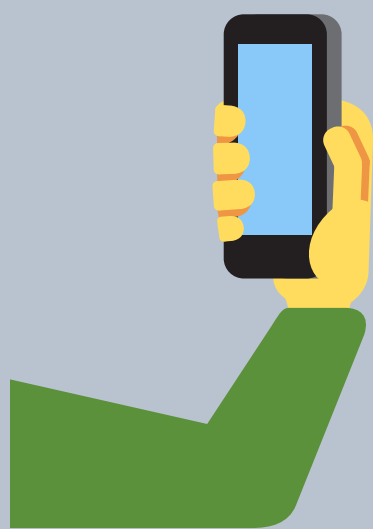


CREATE

Quantum Computing: Shor's Algorithm focuses on quickly factorising numbers into primes- write a short essay summarising how the birth of quantum computing allowed for efficient integer factorisation.

VISIT

- Bletchley Park, Milton Keynes
- Museum of Computing, Swindon
- The National Museum of Computing, London
- National Videogame Arcade, Nottingham
- Science Museum, London



APPS

- GeeksforGeeks
- Programming Hub
- Computer Science Dictionary
- Solo Learn
- Udacity

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