

THE CORSHAM6TH PHYSICS

super curricular activities

WATCH

- Minute Physics
<https://www.youtube.com/user/minutephysics>
 - Veritasium
<https://www.youtube.com/user/1veritasium>
 - TED Talks on physics and science
<https://www.ted.com/talks?sort=newest&topics%5B%5D=physics>
 - The Royal Institution
<https://www.youtube.com/user/TheRoyalInstitution>
- Films. The Martian (2015), The Theory of Everything (2014), Stowaway (2021), Interstellar (2014)



READ



- Why Does $E = mc^2$? by Brian Cox and Jeff Forshaw
- Surely You're Joking Mr Feynman: Adventures of a Curious Character by Ralph Leighton
- The Physics of Super Heroes by James Kakalios
- Forces of Nature by Brian Cox and Andrew Cohen
- A Brief History of Time by Stephen Hawking
- The Elegant Universe by Brian Greene
- The Order of Time by Carlo Rovelli.

LISTEN

- The Infinite Monkey Cage
<https://www.bbc.co.uk/programmes/b00snr0w/episodes/player>
- Physics World Weekly
<https://blubrry.com/physicsworldweeklypodcast/>
- Physics World Stories
https://blubrry.com/physics_world_science_podcast/
- In Our Time (science)
<https://www.bbc.co.uk/programmes/p01gyd7j/episodes/downloads>



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@corsham_science
@ProfBrianCox
@Neon_Futures
@NASA
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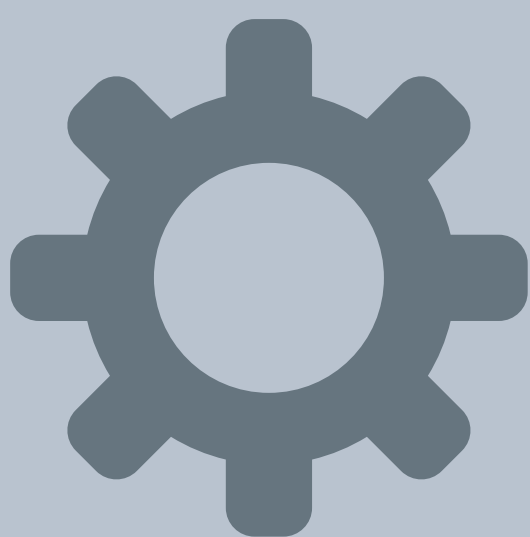
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RESEARCH

- Choose a topic that interests you. For example 'General Relativity' and watch YouTube videos about it.
- Compete in the British Physics Olympiad <https://www.bpho.org.uk/>

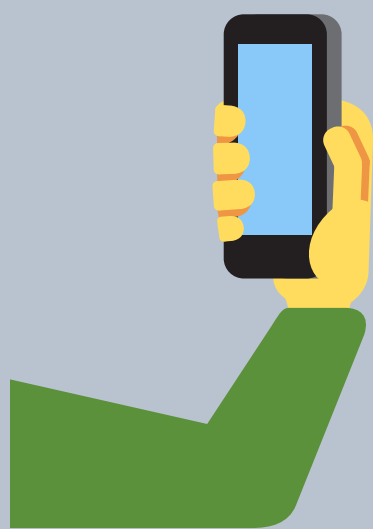


CREATE

- Write an essay for the Oxford Scientist Essay Writing Competition <https://oxsci.org/schools/>
- Record (e.g. on your phone) and explain a demonstration of a key physics principle. This could be anything from how refraction occurs to why objects fall to Earth.

VISIT

- The Science Museum, London
- The Royal Institution, London
- We the Curious, Bristol
- CERN (including virtual tours) <https://visit.cern/welcome>
- Jodrell Bank, Cheshire



WEBSITES

- <https://phys.org/>
- <https://ras.ac.uk/>
- <https://i-want-to-study-engineering.org/>
- <https://isaacphysics.org/>

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