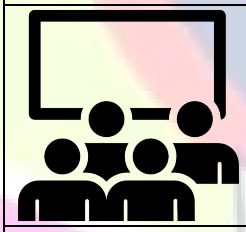
The Ashcombe 6th Form

Physics – September 2024

Mr Blair, Mrs Payne & Dr Carter

	Physics World: feel free to borrow a magazine from Mrs Payne – please sign it out IoP Tap – full of ideas and resources covered in the A level course: https://spark.iop.org/teaching-advanced-physics#gref Digging deeper into physics concepts with the IOP: https://beta.iop.org/explore-physics?_ga=2.231367711.182960215.1587381009-1000290761.1587381009
	Richard Feynman – Six Easy Pieces Marcus Chown – Quantum Theory Cannot Hurt You Brian Cox, Robert Ince & Alexandra Feachem – How to Build a Universe Stephen Hawking – A Brief History of Time (a classic) Andy Wier – The Martian (not academic, but full of real science!) Andy Wier – Hail Mary Project (not academic, but full of real science!)
	Some fun experiments to do at home (most of them!) from Marvin and Milo: https://spark.iop.org/collections/marvin-and-milo Physics simulations to play around with: https://phet.colorado.edu/en/simulations/category/physics
	The Planets – BBC Documentary (Brian Cox) The Universe – Netflix NOVA: Black Hole Apocalypse - Netflix Hubble: The Wonders of Space Revealed – BBC Documentary The Secrets of Light and Energy | Quantum Physics – BBC Documentary (available on YouTube)
	Check out the channels: • Physics Online • Science Shorts • Minute Physics (bit of fun) • Sixty Symbols • Fermilab
	Infinite Monkey Cage https://www.bbc.co.uk/programmes/b00snr0w/episodes/downloads The Curious Cases of Rutherford and Fry BBC Radio 4 - The Curious Cases of Rutherford & Fry - Downloads The Life Scientific BBC Radio 4 - The Life Scientific - Episode guide The Sceptics Guide to the Universe https://www.theskepticsguide.org/podcasts Physical Attraction https://physicalattraction.libsyn.com/