











Physics To help you to make the best start in your new subject, and to help you explore different and enriching aspects of the subject, your teachers have prepared a Reading, Watching and Listening list. Please access all of these resources over the summer.

	Title	Description	Hyperlink
 Read	Climate Change and Engineering	NASA's Jet Propulsion Laboratory has lots of information on Climate Change and Engineering Solutions to combat it. Have a look and make notes on an article of your choice.	http://climate.nasa.gov/
 Read	Newton's Laws of Motion	Newton's Laws of Motion are fundamental laws for the motion of all the object we can see around us. Use this website and the suggested further reading links on the webpage to make your own 1 page of notes on the topics.	http://www.livescience.com/46558-laws-of-motion.html
 Watch	Minute Physics	Variety of Physics questions explained simply (in felt tip) in a couple of minutes. Addictive viewing that will have you watching clip after clip – a particular favourite of mine is "Why is the Sky Dark at Night?"	https://www.youtube.com/user/minutephysics
 Watch	Shock and Awe, The Story of Electricity	A 3 part BBC documentary that is essential viewing if you want to see how our lives have been transformed by the ideas of a few great scientists a little over 100 years ago.	https://www.youtube.com/watch?v=Gtp51eZkwol
 Listen	13 Minutes to the Moon	Epic stories of Nasa's missions to the Moon. Season 1: the first Moon landing, Apollo 11. Season 2: the near disaster of Apollo 13.	https://www.bbc.co.uk/sounds/brand/w13xttx2
 Listen	In Our Time	Each week a panel of experts discuss a topic. There are many episodes about physics concepts including black holes, nuclear physics and the life of stars.	https://www.bbc.co.uk/programmes/p01gyd7j
 Listen	The Infinite Monkey Cage	Discussions on a variety of science topics with Professor Brian Cox, funny as well as informative	https://www.bbc.co.uk/programmes/b00snr0w
 Watch	Brian Cox's Adventures in Space and Time	Brian explores a simple question that is causing a big stir today: what is time? Modern science shows it to be far stranger than we think.	https://www.bbc.co.uk/iplayer/episode/m000x9v4/brian-coxs-adventures-in-space-and-time-series-1-4-what-is-time
 Read	Isaac Physics	Isaac Physics is a free website to help you learn physics, maths, chemistry and biology. Each week do 10 questions to challenge yourself.	https://isaacphysics.org/account?authToken=FDMYHZ
 Read	COMPOS	The Comprehensive Oxford Mathematics and Physics Online School helps students to systematically learn mathematics and physics at a deep level by offering them free tuition and mentoring.	Home COMPOS https://compos.web.ox.ac.uk/