







## 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	<b>Climate Change and Engineering</b>	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.	<a href="http://climate.nasa.gov/">http://climate.nasa.gov/</a>
 Read	<b>Newton's Laws of Motion</b>	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.	<a href="http://www.livescience.com/46558-laws-of-motion.html">http://www.livescience.com/46558-laws-of-motion.html</a>
 Watch	<b>Minute Physics</b>	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?"	<a href="https://www.youtube.com/user/minutephysics">https://www.youtube.com/user/minutephysics</a>
 Watch	<b>Shock and Awe, The Story of Electricity</b>	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. The link below takes you to a stream of all three parts joined together but it is best watched in hourly instalments. Don't forget to boo when you see Edison.	<a href="https://www.youtube.com/watch?v=Gtp51eZkwol">https://www.youtube.com/watch?v=Gtp51eZkwol</a>
 Listen	<b>13 Minutes to the Moon</b>	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.	<a href="https://www.bbc.co.uk/sounds/brand/w13xttx2">https://www.bbc.co.uk/sounds/brand/w13xttx2</a>
 Listen	<b>The Infinite Monkey Cage</b>	Discussions on a variety of science topics with Professor Brian Cox, funny as well as informative	<a href="https://www.bbc.co.uk/programmes/b00snr0w">https://www.bbc.co.uk/programmes/b00snr0w</a>