






## Super Curriculum: A-Level

Subject: Physics

<b>Read</b> 	<b>Do</b> 	<b>Find</b> 
Richard Feynman's Six Easy Pieces	Take part in The Physics Olympiad	Go on the website Sciencejournalsforkids, adjust the age range for sixth form, find a Physics journal and then answer the comprehension questions for the subject.
Forces of Nature - Brian Cox & Andrew Cohen	Listen to the podcast Sean Carroll's Mindscape	Attend a Physics lecture, either in person or on Youtube. Write a report on what it discusses and what the future of this field will involve.
What If 1 and 2 by Randall Munroe	Arrange a Visit to an observatory	Find a method to determine the value of g and use equipment at home to investigate it. Write a summary of the method you used.
Structures or Why things fall down by JE Gordon	Create a timeline of the last 200 years in Physics discoveries- label discoveries you believe to have led to the biggest changes in life on Earth	Read a recent Physics journal on Google Scholar and write a summary report including what further steps could be taken.
Longitude by Dava Sobel	Visit the Brunel Museum in London- write a summary of what the most significant engineering challenges either of the Brunel's overcame.	Complete a MOOC about Physics