


# A-level Physics Super Curriculum



<b>Read</b> 	<b>Do</b> 	<b>Find</b> 
<p>'The World According to Physics' By Jim Al-Khalili.</p>	<p>Complete the Isaac Physics mentoring scheme to the level of the first award.</p>	<p>Research careers that require a physics A-level.</p>
<p>'A Short History of Nearly Everything' by Bill Bryson.</p>	<p>Watch: The Theory of Everything (2014)– Stephen Hawking.</p>	<p>Research the history of the standard model of particles.</p>
<p>'Headstrong: 52 Women Who Changed Science—And the World' by Rachel Swaby.</p>	<p>Watch: Einstein and Eddington (2008) - This is the story of Einstein's general theory of relativity, and his relationship with Eddington.</p>	<p>Compare the difference between a general or specialist engineering degree for at least two universities.</p>
<p>'Thing Explainer: Complicated Stuff in Simple Words' by Randall Monroe.</p>	<p>Visit the Science Museum and write an article on your highlights for the school magazine.</p>	<p>Find an inspiring physics related online lecture or article, and share your findings with your teachers and fellow students.</p>
<p>'Brief Answers to the Big Questions' by Stephen Hawking.</p>	<p>Complete a British Physics Olympiad past paper.</p>	<p>Produce a 750 word piece of research on a physics related topic of your choice not covered in your A level.</p>