






Super Curriculum: A-Level

Subject: Chemistry

Read 	Do 	Find 
<p>Periodic Tales – The curious lives of the elements by Hugh Aldersey - Williams</p>	<p>https://www.rsc.org/careers/chemcareers-webinars/#chemcareers-webinars-tab-inne</p> <p>Watch some of these videos made by the University of Nottingham's YouTube channel Periodic Videos about rare elements not discussed at A Level.</p>	<p>Look into the chemistry research that is challenging Darwin's theories of evolution. Start by reading the article here and then produce a poster of your findings.</p> <p>https://blogs.scientificamerican.com/the-curious-wavefunction/five-questions-that-should-keep-chemists-awake-at-night/</p>
<p>H₂O – The biography of water – Philip Ball.</p>	<p>Check out the Royal Society of Chemistry's career section - What Chemistry related career are you interested in? Do some research!</p> <p>https://www.rsc.org/careers/career-decisions/</p>	<p>Read the 2021 Progress Report to Government by the Climate Change Committee. Pick one of the report's key recommendations and research.</p> <p>https://www.theccc.org/publication/2021-progressreport-to-parliament/</p>
<p>The Disappearing Spoon – Sam Kean</p>	<p>Watch / participate in the ChemCareers monthly webinar.</p> <p>https://www.rsc.org/careers/chemcareerswebinars/#chemcareerswebinars-tab-inner</p>	<p>Look into some of the latest innovations in new materials. Produce an article about the material, its uses, costs and the science on a molecular level about why it is a good new material for the future</p>
<p>Obsessive Genius: The Inner World of Marie Curie' - Barbara Goldsmith</p>	<p>Have a go at the Royal Society of Chemistry's Chemistry Olympiad exam paper from 2021 (Round 1).</p>	<p>Produce a 750 word piece of research on a chemistry related topic of your choice not covered in your A level.</p>