

# A-level Chemistry Super Curriculum



Read 	Do 	Find 
<p>'Periodic Tales: The Curious Lives of the Elements' - Hugh Aldersey-Williams</p>	<p>Watch some cool videos made by the University of Nottingham's YouTube channel Periodic Videos about rare elements not discussed at A Level.</p> <p><a href="https://www.youtube.com/user/periodicvideos">https://www.youtube.com/user/periodicvideos</a></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.</p> <p><a href="https://blogs.scientificamerican.com/the-curious-wavefunction/five-questions-that-should-keep-chemists-awake-at-night/">https://blogs.scientificamerican.com/the-curious-wavefunction/five-questions-that-should-keep-chemists-awake-at-night/</a></p>
<p>Read a newly published book and tell us all about it.</p>	<p>Check out the Royal Society of Chemistry's career section - do some research on Chemistry-related career options that might be of interest to you.</p> <p><a href="https://www.rsc.org/careers/career-decisions/">https://www.rsc.org/careers/career-decisions/</a></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><a href="https://www.theccc.org.uk/publication/2021-progress-report-to-parliament/">https://www.theccc.org.uk/publication/2021-progress-report-to-parliament/</a></p>
<p>'H<sub>2</sub>O: A Biography of Water' - Phillip Ball</p>	<p>Watch / participate in the ChemCareers monthly webinar.</p> <p><a href="https://www.rsc.org/careers/chemcareers-webinars/#chemcareers-webinars-tab-inner">https://www.rsc.org/careers/chemcareers-webinars/#chemcareers-webinars-tab-inner</a></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>Carry out a virtual experiment to identify unknown substances and solve everyday problems.</p> <p><a href="http://chemcollective.org/vlabs">http://chemcollective.org/vlabs</a></p>	<p>Produce a 750 word piece of research on a chemistry related topic of your choice not covered in your A level.</p>
<p>'The Disappearing Spoon' - Sam Kean</p>	<p>Have a go at the Royal Society of Chemistry's Chemistry Olympiad exam paper from 2021 (Round 1) and see how well you do!</p>	<p>Find a scientist in a field that interests you. Contact them to ask them about their work and career path.</p>

	<a href="https://edu.rsc.org/resources/chemistry-olympiad-past-papers/1641.article">https://edu.rsc.org/resources/chemistry-olympiad-past-papers/1641.article</a>	
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