

Super Curriculum – Year 12 & 13

Subject: Chemistry



Reading Task



Research Task



Listening Task



Watching Task

Location to Visit



Creative Task



Writing Task



Independent Project



<p>Ted Talk on Chemistry of Smartphones https://www.ted.com/talks/cathy_mulzer_the_incredible_chemistry_powering_your_smartphone</p>	<p>'The Science of Everyday Life: Why Teapots, Dribble, Toast Burns and Light Bulbs Shine', by Marty Jopson</p>	<p>'The Disappearing Spoon...and other true tales from the Periodic Table', by Sam Kean</p>
<p>Fantastic Four movie and then watch the clip where the science is explained https://archive.nerdist.com/michio-kaku-explains-the-real-science-behind-fantastic-four/</p>	<p>10 weird and wonderful chemical reactions https://www.youtube.com/watch?v=0Bt6RPP2ANI</p>	<p>Crash course videos https://www.youtube.com/playlist?list=PL8dPuuaLjXtPHzzYuWy6fYEaX9mQQ8oGr</p>
<p>Learn to sing the Elements Song by Tom Lehrer.</p>	<p>Create a twitter account, follow 10 relevant Chemistry organisations e.g Royal Society of Chemistry, New scientist, BBC Science news etc</p>	<p>Listen to 5 podcasts of different elements from the periodic table</p>
<p>Read articles from Chemguide to supplement your learning https://www.chemguide.co.uk/</p>	<p>Watch science lectures, from the Royal Institution https://www.youtube.com/channel/UCheRoyallInstitution/videos</p>	<p>Catalyst Magazine https://catalyst-magazine.org/</p>
<p>Participate in the Chemistry Olympiad. Run by the Royal Society, and supported by your teachers it enables you to compete with other students.</p>	<p>The Science Museum in London. Tickets are free, but you must pre-book! Everything from Space to Zoology.</p>	<p>The Cheltenham Science Festival. 7th-12th June 2022. https://www.cheltenhamfestivals.com/science/about/</p>