















SUPER-CURRICULAR ACTIVITIES

GCSE: Science – Chemistry Years 10 & 11

 <p>Research an unknown scientist from the website given. Follow Link 1 (below)</p>	 <p>Using details of the required practicals found here, choose any one of them and attempt to write a similar method but exploring other variables. Follow Link 2 (below)</p>	 <p>Listening task. Follow Link 3 (below)</p>
 <p>Choose several ordinary items and explain what they are made of and how the bonding of that material helps the object to do its job.</p>	 <p>Listen to one of the blogs from the Science and Industry Museum, for example, about the world's first synthetic dye. Follow Link 4 and Link 5 (below)</p>	 <p>Read this article from the New Scientist magazine. Follow Link 6 (below)</p>
 <p>Watch these programmes through BBC iPlayer. Follow Link 7 (below) Follow Link 8 (below) Follow Link 9 (below)</p>	 <p>Explore the rest of the Periodic Table or listen to a podcast about an element. Follow Link 10 (below) Follow Link 11 (below)</p>	 <p>Dip into some chemistry news topics. Follow Link 12 (below)</p>
 <p>Listen to this BBC clip from the <i>Infinite Monkey Cage</i>. Follow Link 13 (below)</p>	 <p>Look at a group in the Periodic Table and predict the chemical and physical properties of a new previously undiscovered element to be placed at the bottom of that group.</p>	
 <p>Keep up your reading of science books. Follow Link 14 (below)</p>	 <p>Calculate your carbon footprint and make a plan of ways to reduce it Follow Link 15 (below)</p>	 <p>Make a virtual visit to the Science Museum and explore some of the objects and stories such as this. Follow Link 16 (below)</p>

Links to websites used in this Super-Curricular GCSE Activities sheet:

Link 1: <https://www.sutori.com/story/history-of-the-periodic-table-timeline--BqQECxPomTF3kTiAdpVakBji>

Link 2: <https://www.revisechemistry.uk/GCSE/AQA/index.html>

Link 3: <https://www.bbc.co.uk/programmes/w3ct03bt>

Link 4: <https://www.scienceandindustrymuseum.org.uk/>

Link 5: <https://blog.scienceandindustrymuseum.org.uk/worlds-first-synthetic-dye/>

Link 6: <https://www.newscientist.com/article/mg24933180-600-were-running-out-of-lithium-for-batteries-can-we-use-salt-instead/>

Link 7: <https://www.bbc.co.uk/iplayer/episode/b00qjnqc/chemistry-a-volatile-history-3-the-power-of-the-elements>

Link 8: <https://www.bbc.co.uk/iplayer/episode/b00q2mk5/chemistry-a-volatile-history-1-discovering-the-elements>

Link 9: <https://www.bbc.co.uk/iplayer/episode/b00qck1t/chemistry-a-volatile-history-2-the-order-of-the-elements>

Link 10: <https://www.rsc.org/periodic-table>

	Reading task		Creative task		Watching task		Student-led task
	Research task		Writing task		Listening task		Trip or visit



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Link 11: <https://www.rsc.org/periodic-table/podcast>

Link 12: <https://www.sciencedaily.com/>

Link 13: <https://www.bbc.co.uk/programmes/m000rtyy>

Link 14: https://www.goodreads.com/list/show/13800.Chemistry_best_books

Link 15: <https://footprint.wwf.org.uk/>

Link 16: <https://www.sciencemuseum.org.uk/objects-and-stories/everyday-wonders/building-modern-world-concrete-and-our-environment>

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