



SUPER-CURRICULAR ACTIVITIES

SCIENCE: CHEMISTRY Year 9

 Watch a chemistry-based film such as Dark Waters or Marie Curie.	 Keep a diary or a scrap book about scientific, especially chemistry, articles in the news.	 Write a glossary of key chemistry words that will be needed for GCSE.
 Create a podcast on one of the topics you have studied this year.	 Visit the Science Museum online. Explore the collection of chemistry objects. Follow Link 1 (below)	 Watch a chemistry-based TED Talk. Follow Link 2 (below)
 Read some of the articles from the Young Scientists Journal. Follow Link 3 (below)	 Host an online hangout with your friends to revise a specific topic area.	 Create a board game that involves the chemical elements.
 Look at recent Nobel prizes in chemistry and see how this research affects our everyday lives. Follow Link 4 (below)	 Write a selection of GCSE style exam questions on the topics you have studied this year. Swap with another student via a group chat and peer assess.	 Write a piece for the Young Scientists Journal, more information about the type of writing you can do can be found on the website. Follow Link 3 (below)
 Try some simple home experiments. Check with an adult first before trying some of these. Follow Link 5 (below)	 Read a 'popular science book' focussing on chemistry, such as: <i>The Disappearing Spoon: And Other True Tales of Madness, Love, and the History of the World from the Periodic Table of the Elements.</i> <i>Periodic Tales: The Curious Lives of the Elements.</i> <i>Napoleon's Buttons: How 17 Molecules Changed History.</i> <i>Stuff Matters: Exploring the Marvellous Materials That Shape Our Man-Made World.</i>	 Look in the bathroom cabinet at the range of different 'beauty products.' Look at their ingredients and look for similarities. Research some of the chemicals found on the labels.

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

Link 1: <https://www.sciencemuseum.org.uk/objects-and-stories/chemistry>

Link 2: <https://www.ted.com/topics/chemistry>

Link 3: <https://ysjournal.com/>

Link 4: <https://www.nobelprize.org/prizes/chemistry>

Link 5: <https://www.businessinsider.com/8-awesomely-simple-science-experiments-you-can-do-at-home-2016-7?r=US&IR=T>

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