

Super Curriculum

CHEMISTRY

Super curricular activities are those that extend your knowledge of the curriculum outside of the traditional learning environment. They take the subjects you study in the classroom beyond those which your teacher has taught you or what you've done for home learning. For example, you may go into more depth on something you picked up in the classroom or learn about a new topic altogether. The super curriculum encourages a love of learning and develops a thirst for knowledge. It allows you to make complex connections between aspects of your studied subjects and utilise your cultural capital to understand new areas. For example, your understanding of Tsarist Russia may provide further context to the development of the Imperial Russian Ballet in Dance history. Without this extra exposure to learning, we simply cannot fully understand our chosen course.

These activities are normally in the form of extra reading, but they can take many other forms, like watching videos online, downloading podcasts, attending lectures, visiting museums or entering academic competitions. Engaging in super curricular activities will help you develop a love for your favourite subject or subjects. In this booklet, there are a range of activities, suggested by your teachers for each subject on offer at Key Stage 5.

They are by no means exhaustive lists but should give an idea where to begin. I would encourage you to share ideas and opportunities you come across with your teachers so that, over time, the recommended activities in this booklet can grow. As educators, we are consistently developing our knowledge too, so please feel free to engage your teachers in a discussion of what you find! Don't forget that you can also complete MOOC's in many fascinating topics.

In the future, employers or universities will be interested to hear about what super curricular activities you have engaged in; they will be interested in what you have learnt and impressed by your efforts. Students often comment on how difficult personal statements are to write and the super curriculum allows for a candidate to elaborate on their suitability for courses/ roles.

I wish you well in your pursuit of super curricular activities and would love to hear all about them!

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Read	<ul style="list-style-type: none">• Subscribe to the Chemistry Review magazine published by Philip Allan• The Fontana History of Chemistry by William Brock• Period Tales: The Curious Lives of the Elements by Hugh by Philip Ball• Molecules: A Very Short Introduction by Philip Ball• The Science of Everyday Life: Why Teapots Dribble, Toast Burns and Light Bulbs Shine by Marty Jopson• The Disappearing Spoon...and other true tales from the Periodic Table, by Sam Kean• Molecules at an Exhibition (The Science of Everyday Life) by John Emsle• The New Chemistry by Nina Hall• Nature's Building Blocks: An A-Z Guide to the Elements by J Emsley• Why Chemical Reactions Happen by James Keeler and Peter Wothers• A Short History of Nearly Everything by Bill Bryson• How to Fossilise your Hamster by Mick O'Hare• The Periodic Table by Primo Levi• Short History of nearly everything by Bill Bryson• The thing explainer by Randall Munroe• How to by Randall Munroe
Click	<ul style="list-style-type: none">• Molecule of the Month - is a Bristol University site with quirky information about molecules http://www.chm.bris.ac.uk/motm/motm.htm• Royal Society of Chemistry https://www.rsc.org/resources-tools/education-resources/http://www.rsc.org
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Complete	<ul style="list-style-type: none">• UK Chemistry Olympiad competition https://www.rsc.org/campaigning-outreach/outreach/educators/uk-chemistry-olympiad/