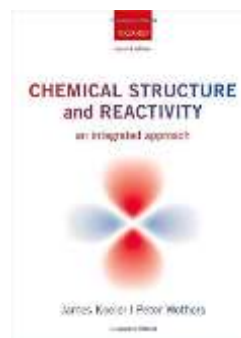
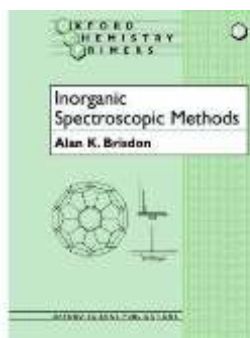
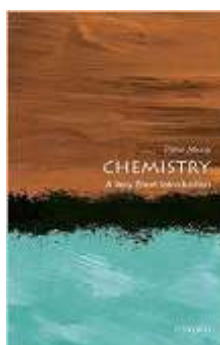




**KING EDWARD VI  
CAMP HILL  
SCHOOL FOR BOYS**

# KS5 Supercurricular CHEMISTRY



For upto date information on supercurricular opportunities in Chemistry join the Chemistry Departments supercurricular google classroom by emailing your Chemistry teacher.

## Reading



<b>Molecules at an Exhibition, J. Emsley</b>	978-0192862068
<b>Napoleon's Buttons, P. Burrenson</b>	978-1585423316
<b>Oxygen, N. Lane</b>	978-0198784937
<b>The Right Chemistry, J. Schwarcz</b>	978-0385671590
<b>Periodic Tales: The Curious Lives of the Elements, H. Aldersey-Williams</b>	978-0141041452
<b>Molecules of Murder, J. Emsley</b>	978-1782624745
<b>Antimony, Gold, and Jupiter's Wolf, P. Wothers</b>	978-0199652723
<b>Superheavy, K. Chapman</b>	978-1472953896
<b>Chemistry: A Very Short Introduction, P. Atkins</b>	978-0199683970
<b>Why Chemical Reactions Happen, J. Keeler and P. Wothers</b>	978-0199249732
<b>Chemistry<sup>3</sup>: Introducing Inorganic, Organic and Physical Chemistry, A. Burrows and J. Holman et al.</b>	978-0198829980
<b>Organic Chemistry, J. Clayden, N. Greeves and S. Warren</b>	978-0199270293
<b>Chemical Structure and Reactivity, J. Keeler and P. Wothers</b>	978-0199604135
<b>Physical Chemistry, P. Atkins, J. de Paula and J. Keeler</b>	978-0198769866
<b>Mastering Essential Pre-University Physical Chemistry, D. Follows</b>	Available from AJT
<b>Inorganic Chemistry, P. Atkins, T. Overton et al.</b>	978-0199236176
<b>Oxford Chemistry primers (across a large range of topics)</b>	Available from AJT
<b>Theory and Problems for Chemistry Olympiad, Z. Nan and S. Zhang</b>	Available from AJT
<b>RSC Tutorial Chemistry Texts</b>	Available from AJT
<b>Investigation of Molecular Structure, B. Gilbert</b>	978-0263058185

## Listening and viewing

BBC Radio 4 – In Our Time, Science	<a href="https://www.bbc.co.uk/programmes/p01gyd7j">https://www.bbc.co.uk/programmes/p01gyd7j</a>
Chemistry in its Elements	<a href="https://www.rsc.org/periodic-table/podcast">https://www.rsc.org/periodic-table/podcast</a>
The Naked Scientists	<a href="https://www.thenakedscientists.com/">https://www.thenakedscientists.com/</a>
BBC Science in Action	<a href="https://www.bbc.co.uk/programmes/p002vsnb">https://www.bbc.co.uk/programmes/p002vsnb</a>
RSC Chemistry World	<a href="https://www.chemistryworld.com/podcasts">https://www.chemistryworld.com/podcasts</a>
University of Oxford – Chemistry Dept.	<a href="http://podcasts.ox.ac.uk/units/department-chemistry">http://podcasts.ox.ac.uk/units/department-chemistry</a>
Organic Tutorials: Leah4sci	<a href="https://www.youtube.com/c/Leah4sci">https://www.youtube.com/c/Leah4sci</a>
Khan Academy Organic Chemistry	<a href="https://www.youtube.com/user/readyssetorgo/featured">https://www.youtube.com/user/readyssetorgo/featured</a>
Royal Society of Chemistry	<a href="https://www.youtube.com/user/wwwRSCorg">https://www.youtube.com/user/wwwRSCorg</a>
Total synthesis	<a href="https://www.youtube.com/channel/UCbT-5vQ6alxQVgy8My059OQ">https://www.youtube.com/channel/UCbT-5vQ6alxQVgy8My059OQ</a>



## Magazines

Chemistry Review	Available through Chemistry Dept.
Chemistry World	<a href="https://www.chemistryworld.com/">https://www.chemistryworld.com/</a>
New Scientist	<a href="https://www.newscientist.com/">https://www.newscientist.com/</a>



## Resources

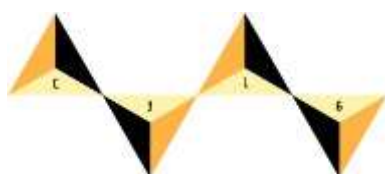
RSC Learn Chemistry	<a href="https://edu.rsc.org/resources">https://edu.rsc.org/resources</a>
Isaac Chemistry	<a href="https://isaacphysics.org/chemistry?stage=all">https://isaacphysics.org/chemistry?stage=all</a>
ACD ChemSketch	<a href="https://www.acdlabs.com/resources/freeware/chemsketch/index.php">https://www.acdlabs.com/resources/freeware/chemsketch/index.php</a>
Compound Interest	<a href="http://www.compoundinterest.com">www.compoundinterest.com</a>
NMR simulation	<a href="https://www.nmrdb.org/">https://www.nmrdb.org/</a>
Chemspider	<a href="http://www.chemspider.com/">http://www.chemspider.com/</a>

@ChemistryNews

@RoySocChem

@IUPAC

@CompoundChemistry



Cambridge Chemistry Challenge Lower 6th

@ChemistryWorld

@NatureChemistry

@OxfordChemistry



## Following

## Doing

Cambridge Chemistry Challenge (C3L6)

<https://www.c3l6.com/>

RSC Olympiad

<https://edu.rsc.org/enrichment/uk-chemistry-olympiad?adredir=1>

RSC Young Analyst

<https://edu.rsc.org/enrichment/schools-analyst>

Cambridge Chemistry Race

<http://chemistryrace.com/>

Essay Competition: The Oxford Scientist

<https://oxsci.org/schools/>

Essay Competition: Peterhouse College, Cambridge, Kelvin Science Prize

<https://www.pet.cam.ac.uk/essay-prizes>

Poetry Prize: St Hilda's Oxford

<https://www.st-hildas.ox.ac.uk/content/science-poetry-competition-under-18s>

Science museum – London

<https://www.sciencemuseum.org.uk/home>

Catalyst museum – Liverpool

<https://www.catalyst.org.uk/>

History of Science museum - Oxford

<https://www.hsm.ox.ac.uk/>

University of Oxford UNIQ summer schools

<https://www.uniq.ox.ac.uk/>

University of Cambridge Subject Masterclasses

<https://www.undergraduate.study.cam.ac.uk/events/masterclasses>

Sutton Trust summer schools

<https://summerschools.suttontrust.com/>