



Specification: OCR Chemistry <http://www.ocr.org.uk/Images/171720-specification-accredited-a-level-gce-chemistry-a-h432.pdf>

*Of the books/ activities listed below, you need to choose **at least three**. Immediately after each of these (before you forget), you should complete the Sixth Form Induction Tasks Worksheet.*

MANDATORY Task 1 - It is important to complete the following 'Chemical Calculations' and Seneca Learning Summer' work in order to demonstrate competency in the skills covered at GCSE and preparation for your A Level course. These are also necessary to close the gap between double and triple science.

<https://www.showbie.com/> - Class code **CPPBV**.

Task 2 - Click on the following link and register with The Open Science Laboratory:

<https://learn5.open.ac.uk/course/view.php?id=2> Choose **one** of the activities of interest to you to complete.

Task 3 - Explore <http://www.rsc.org/learn-chemistry/> for excellent learning resources at your fingertips. Choose your favourite **one** and enjoy!

Magazines (free access unless stated below)

- **Education in Chemistry** <https://edu.rsc.org/eic>
Topical and interesting magazine making it an essential read for keeping up to date with advances in chemistry and its application in industry.
- **The Mole** <https://eic.rsc.org/section/the-mole> A legacy e-magazine that is still relevant.
- **Chemistry Review** <https://www.york.ac.uk/chemistry/schools/chemrev/web/>
- **Chemistry Explored**
<http://www.bristol.ac.uk/chemistry/courses/undergraduate/chemistryexplored.html>
- **New Scientist** <https://www.newscientist.com/subscribe/studentdiscount/>
12 issues are currently available with student subscription for £24.75 (that's 57% discount on the usual price for APP + WEB or APP and Print)
- **Chemistry World** <https://www.chemistryworld.com/>
Get the latest research, news and views delivered to your inbox. Access informative podcasts, and why not join their book club?
- **Catalyst** <https://www.stem.org.uk/resources/collection/3137/catalyst>
A science magazine for students aged 14-19, paid subscription but archived copies are free.
- **Young Scientists Journal** <https://ysjournal.com/>
A unique online science journal, written by young scientists for young scientists (aged 12-20).



Activities

- **Chemistry Events:** <http://www.rsc.org/events/?gclid=CMf99vW1iNQCFVAQ0wodtnYLTg> Local, national and international chemistry activities are accessible from the events page.
- **BBC Science** <https://www.bbc.co.uk/science>
- <http://www.compoundchem.com/> - great summaries of recent developments in chemistry

Free MOOC – Massive Open Online Courses

Short online courses that give you a feel for working to deadlines or you can opt for completely self-paced courses where you can familiarise yourself with the chemistry terminologies.

- <https://www.coursera.org/courses?languages=en&query=chemistry>
- <https://www.edx.org/course/?subject=Chemistry&language=English>
- <https://learn.saylor.org/course/view.php?id=4>
- The open University has a lot of free courses. Click on the link above to see the chemistry course titles available or this [link](#) for **free** chemistry related courses!