



OCR B Salters A Level Chemistry

"I hate it when people text me "K" I'm rarely in the mood to talk about potassium"- Anon.

Subject Information

A Level Chemistry B (Salters) qualification presents chemical ideas and practical skills in a variety of contexts, relating modern-day applications of chemistry and current research to the concepts needed for the study of chemistry at A Level. The course is structured around "story lines" which include a range of relevant chemical ideas in structured and engaging contexts to illustrate the role of chemistry in our daily life and in understanding the world around us. In the exams students will be expected to apply their learning to unfamiliar contexts.

Subject material covered includes:

- Elements of life
- Developing fuels
- Elements from the sea
- The ozone story
- What's in a medicine?
- The chemical industry
- Polymers and life
- Oceans
- Developing metals
- Colour by design

Career Pathways

Chemistry is a facilitating subject and will allow for entry into most fields of study. University level scientific fields of study that you can use A level chemistry to enter include: Chemical engineering, Medicine, Environmental sciences, Biochemistry, Pharmacy and Physiotherapy.

Course Content

Exam Papers	Exam Time	Total Marks
Fundamentals of chemistry (01) (41% weighting)	2 hour 15 mins	110
Scientific literacy in chemistry (02) (37% weighting)	2 hour 15 mins	100
Practical skills in chemistry (03) (22% weighting)	1 hour 30 mins	60
Practical endorsement: (Assessed during the course through practical work) Involves a minimum of 12 practicals that will need to be carried out and documented by the student before signing off by the teacher.		

Entry Requirements: A Grade 6-6 in Combined Science or a Grade 6 in Chemistry. A Grade 6 or above in Mathematics is preferred

Complementary subjects: Biology, Physics and Maths

Excellence in thinking

1. *Maths Skills for A Level Chemistry*
2. *Head Start to A Level Chemistry*
3. *The Disappearing Spoon...and other true tales from the Periodic*
4. *Why Chemical Reactions Happen*
5. *Primrosekitten: <https://primrosekitten.org/chemistry-reading-list/>*