



Sir John Lawes School
Education for a changing world

Advanced Level Sciences

Chemistry





Entry Requirements

Are listed in the 6th form prospectus

If you are studying triple science:

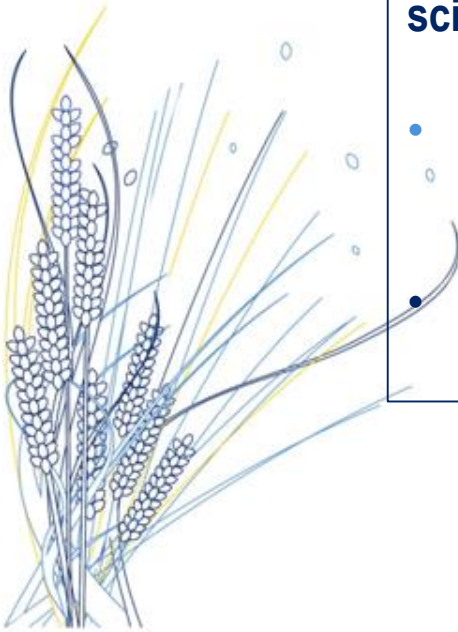
- **GCSE Triple Science Chemistry at grade 6 and above**
- **APS of 4.5 or above**

If you are studying combined science:

- **GCSE Combined Science at grade 7-6 and above**

AND

- **Grade 6 or above in GCSE Mathematics**
- **APS of 4.5 or above**





Expectations

A successful student will:

- Have a real interest in the subject and an enquiring mind about the world in which we live
- Will be hard working, persevering and not afraid to ask for help
- Will work steadily, keeping to deadlines





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Salter's Advanced Chemistry



Examined by OCR



Course Materials

- Chemical Ideas – a book where all the ideas and concepts of chemistry are studied
- Activity Sheets – practical activities to allow students to develop their understanding of chemical concepts





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Year 12 Topics



- Elements of Life
 - Developing Fuels
 - Elements from the Sea
 - The Ozone Story
 - What's in a Medicine
-



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Year 13 Topics



- The Chemical Industry
 - Polymers and Life
 - The Oceans
 - Developing Materials
 - Colour by Design
-



A Level Assessment

All assessment is at the end of Year 13

- Fundamentals in Chemistry
(2hr 15min) 41%
- Scientific Literacy in Chemistry
(2hr 15min) 37%
- Practical Skills in Chemistry
(1hr 30min) 22%





Practical Endorsement

- The completion of 12 assessed practical skills that are fundamental for a chemist to be able to use (carried out during normal lessons as part of the learning process).





Support

Pupils will find parts of the Chemistry course challenging however we are there to support all the time

- The Chemistry Support Programme (CSP)
- Pre-study work from Royal Society of Chemistry
- Work set around pupils' individual needs
- A wide range of additional resources that can be used to support or extend chemical understanding





Subject Choice

- Chemistry is essential for Medicine or Vet.Science and recommended for Biological Sciences.
- It can be an advantage to study two science subjects at Advanced Level





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More information.....

School Website

www.sjl.herts.sch.uk

Exam Board Website

www.ocr.org.uk

