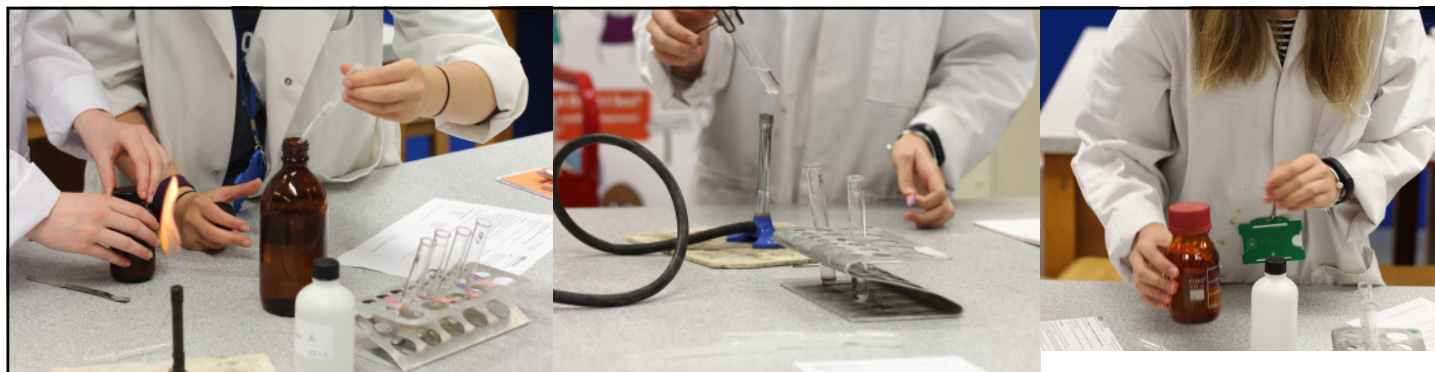


SCIENCE

Chemistry



Examination Board: OCR
Subject Leader(s): Mrs AM Bentley



Course Structure

Unit	Topics/Unit Title	Assessment	A Level (%)
1	Foundations of chemistry	External examination 2h 15min	41%
2	Scientific Literacy in chemistry	External examination 2h 15min	37%
3	Practical Skills in chemistry	External examination 1h 30min	22%
4	Practical endorsement in chemistry	Internally assessed pass/fail	NA

Topics studied include:

- 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

What does the course involve?

Through a combination of stimulating and interesting theoretical and practical work you will:

- Acquire knowledge and understanding of the theory and practice of modern chemistry
- Develop intellectual and practical skills that will be of value in your future life and study of chemistry
- Develop the ability to study both independently and co-operatively
- Become aware of the nature of scientific and technological endeavour and of the various contexts in which the work of chemists is important to society

Further Study/Employment Prospects

- Honours degree or HND in Pure or Applied Chemistry
- Surveys show chemistry is the most commonly specified science A-level for university science degrees, especially for courses such as medicine, dentistry, veterinary science, and biochemistry.
- Chemistry A level is recommended if you are planning to study biological science to degree level

Entry Requirements

GCSE Chemistry/Science grade 6

- Ideally you will have studied HIGHER tier mathematics and have a grade 5 or equivalent in English.
- An enthusiasm for both the practical and theoretical aspects of chemistry.
- An ability to meet deadlines, discuss and share ideas and work safely in a laboratory.