A-Level Chemistry at West Hatch

2020 Chemistry Results

This was the first year of the new, more demanding A-level with increased emphasis on understanding and application rather than recall.

A-Level

- *A*-A 44 %*
- *A*-B 61 %*
- *A*- C 78 %*

Department ALPS Grade 2

'Outstanding'

Chemistry student destinations in 2020 include:

- *St George's University of London: Biomedical Science*
- *UCL: Security and Crime Science*
- *Imperial College London: Medicine*
- *University of Cambridge: Law*
- *University of Liverpool: Biochemistry*
- *Swansea University: Electronic and Electrical engineering*

Why Study Chemistry?

There are many reasons to pick A-level Chemistry including:

- Because you are good at it
- Because you enjoy it
- Because it can lead to a wide range of future careers
- Because it is a facilitating subject for Russell Group and Oxbridge universities
- Because it teaches a wide range of transferrable skills

Why Choose West Hatch for Chemistry?

At West Hatch you can expect:

- Excellent teaching
- Supportive staff
- A course with real life links (OCR Salters)
- Regular assessments, analysis and feedback
- Targeted intervention for underachievement
- Booklets of exam questions and other resources
- Peer coaching from high achieving students

The chemistry department consistently achieve excellent results.

Entry Requirements

The entry requirements for A-Level chemistry are

- Meet basic entry requirements to 6th form
- Grade 6 triple science chemistry, or grade 7 Combined science
- A good mathematics grade is useful; 20% of assessment requires a mathematical response

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OCR Chemistry B (Salters) A-Level: Course Outline

In contrast to the traditional 'topic-based' approach, Chemistry B (Salters) is 'context-led'. Chemical concepts are introduced within a relevant context, the course being taught as a series of modules based on contemporary issues in chemistry, such as the development of new drugs, or our impact on the environment. Students study the chemistry in a spiral way so that chemical ideas, introduced in an early topic, are reinforced later. The 'drip-feed' approach to teaching and learning chemical principles allows students to revisit a particular topic several times during the course, each time taking their knowledge and understanding a step further each time.

Year 12 Topics

- Elements of life
- Developing fuels
- Elements from the sea
- The ozone story
- What's in a medicine?

Year 13 Topics

- The chemical industry
- Polymers and life
- Oceans
- Developing metals
- Colour by design

Assessment Overview

- Fundamentals of Chemistry: 41%

  ⇒ Section A multiple choice questions

  ⇒ Section B short answer questions (e.g. problem solving, calculations, practical) and extended response questions.

- Scientific literacy in Chemistry: 37%

  ⇒ Places a particular emphasis on scientific literacy

  ⇒ Includes a pre-release Advance Notice article

  ⇒ Includes short answer questions (e.g. problem solving, calculations, practical) and extended response questions.

- Practical skills in Chemistry: 22%

  ⇒ Places a particular emphasis on practical skills

  ⇒ Includes short answer questions (e.g. problem solving, calculations, practical) and extended response questions.