

CHEMISTRY A Level

Subject title	Chemistry A level
Exam board	OCR
Specification number:	Advanced GCE Chemistry A H432
Time allowance each week	Year 12 = 4.5 Hours, Year 13 = 5 hours

Types of Assessment

External exams

Paper 1: Periodic table, elements and physical chemistry (01)

2 hour 15 minutes

37%

Assesses content from modules 1, 2, 3 and 5

Paper 2: Synthesis and analytical techniques (02)

2 hour 15 minutes

37%

Assesses content from modules 1, 2, 4 and 6

Paper 3: Unified chemistry (03)

1 hour 30 minutes

26%

Assesses content from all modules

Non-exam assessment

The practical endorsement in Chemistry (04)

Timings of assessments

All examinations will be sat at the end of year 13.

The practical endorsement in Chemistry is assessed throughout the two years and reported separately.

Modules covered during the course

Content is in six modules:

- Module 1 – Development of practical skills in chemistry
- Module 2 – Foundations in chemistry
- Module 3 – Periodic table and energy
- Module 4 – Core organic chemistry
- Module 5 – Physical chemistry and transition elements
- Module 6 – Organic chemistry and analysis

Skills developed during the course

Communication, Application of Number, Information Technology, Working with Others, Improving Own Learning and Performance and Problem Solving

Students gain practical skills throughout the course. These are assessed in the written examinations and in the practical endorsement (component 04).

Independent study

Expected time allocation for the subject

4 to 5 hours per week usually split equally between the subject teachers. The time might be used for specific homework tasks but often the remainder of the time should be used for reviewing work covered in class.

Additional support for the course

Textbook



A Level Chemistry A for OCR Student Book

Author: Rob Ritchie and Dave Gent

ISBN: 9780198351979

Publisher: Oxford University Press

Date: July 2015

Written by curriculum and specification experts, this resource partner student book supports and extends students through the new linear course while delivering the breadth, depth, and skills needed to succeed in the new A Levels and beyond.

Copies of this book are available for students to use in schools and an electronic version is available via Kerboodle

Specification

<https://www.ocr.org.uk/qualifications/as-and-a-level/chemistry-a-h032-h432-from-2015/>

Useful Websites

[OCR A Year 1 Revision - YouTube](#)

[chemguide: helping you to understand Chemistry - Main Menu](#)

[A-Level Chemistry \(OCR\)](#)

[2. OCR Revision Guides | chemrevise](#)

Other sources of help

Students can seek out subject teachers at any time to ask for support or help with topic areas that they are struggling with. Small group tutorials and revision sessions are run in year 13.