

A Level Chemistry - OCR Chemistry A

Curriculum content:

	Year 12	Year 13
Autumn Term	Unit 1: Practical Skills Unit 2: Foundations in Chemistry	Unit 1: Practical Skills Unit 5: Physical Chemistry and Transition Elements (up to Equilibrium) Unit 6: Organic Chemistry and Analysis (up to Amino acids)
Spring and Summer Terms	Unit 3: Periodic Table and Energy Unit 4: Core Organic Chemistry Unit 1; Practical Skills	Unit 1: Practical Skills Unit 5: Physical Chemistry and Transition Elements (from Acids, Bases and Neutralisation) Unit 6: Organic Chemistry and Analysis (from Condensation polymers)

Skills:

- Scientific thinking
- Experimental skills and strategies
- Analysis and evaluation
- Scientific vocabulary, quantities, units, symbols and nomenclature
- Problem solving
- Mathematical Skills
- Application of science to the real world

- Safe working practices during experiments
- Proficient use of subject-specific vocabulary

Assessment

Assessment is all by external examination.

Paper	Paper 1	Paper 2	Paper 3
Length of exam	2hr15	2hr15	1hr30
Marks available	100	100	70

There is also a Practical Endorsement, which is a separate qualification and graded either pass or fail. This involves the completion of a minimum of 12 practical activities at an appropriate A level Standard throughout the course.

More information on the specification and assessments can be found on the OCR website at

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