

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 Term	Unit 3: Periodic Table and Energy 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)
Summer Term	Unit 1; Practical Skills Unit 4: Core Organic Chemistry	

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 range of practical activities that will ensure the completion of all the Common Practical Assessment Criteria (CPAC), as specified by OCR.

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/>