

A Level Chemistry

Examination Board: OCR

Contact Teacher: Mrs Woods / Mrs Choudhury



Course Details and Assessment

The A Level Chemistry course has a strong focus on practical and mathematical skills, alongside traditional chemical concepts. These components of the course are externally assessed and culminate each year in a series of written exams. The exams are focused on application of knowledge and require candidates to link understanding from all of the units studied.

The course will cover the following chemistry topic areas:

AS Course	Full A Level
Module 1 - Development of Practical Skills in Chemistry Module 2 - Foundations in Chemistry Module 3 - The Periodic Table and Energy Module 4 - Core Organic Chemistry	AS Course Modules + Module 5 – Physical Chemistry and Transition Elements Module 6 – Organic Chemistry and Analysis

The course is assessed in the following way:

AS Level			A Level		
Assessment	Outline	Grading	Assessment	Outline	Grading
1h 30m written paper	Breadth in Chemistry	50%	2h 15m written paper	Periodic Table, Elements and Physical Chemistry	37%
1h 30m written paper	Depth in Chemistry	50%	2h 15m written paper	Synthesis and Analytical Techniques	37%
			1h 30m written paper	Unified Chemistry	26%
			Practical endorsement	Ongoing portfolio of experimental techniques	Pass/Fail

Career/Higher Education	Entry Requirements
Medicine Dentistry Chemical Engineering Biochemical Sciences Pharmacology and many , many more	2 Science GCSEs at Grade 5 or above. A Grade 5 or above in Maths and English would be an advantage.

“Nothing in life is to be feared, it is only to be understood. Now is the time to understand more, so that we may fear less.” Marie Curie