Chemistry at Latymer



The Latymer Chemistry Department



Dr Glennie



Dr Hussain



Mrs Kumar



Miss Lazarus



Mr Mumin



Mrs Williams- HOD

Grouping of Students



6 groups



Max 20 per group



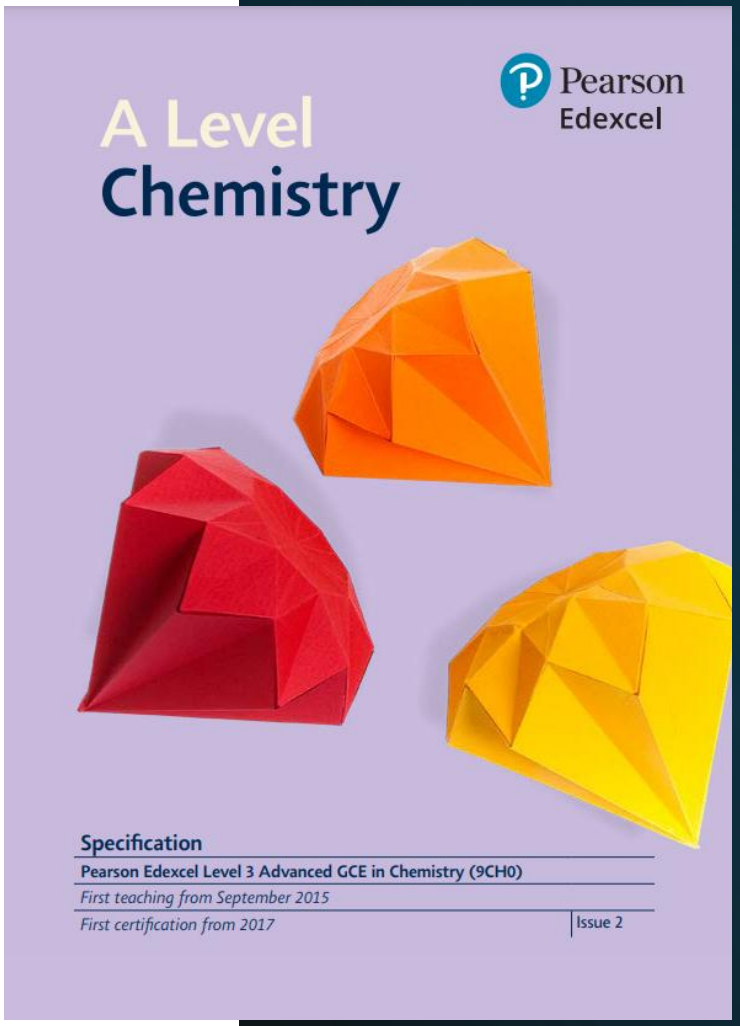
2 teachers per class



4 brand new renovated chemistry labs of similar layout. Majority of lessons in labs.

Specification

- We study **Edexcel** for A-level Chemistry.
- **9CH0**



What topics will you study?

AS level Year 12

Atomic structure and Periodic Table
Bonding and structure
Formulae and equations
Redox I
Inorganic chemistry (Gp 2 & 7)
Organic chemistry I
Modern analytical techniques I
Energetics I
Kinetics I
Equilibrium I

Year 13 A level only

Kinetics II
Equilibrium II
Acid-base equilibria
Energetics II
Redox II
Organic chemistry II
Modern analytical techniques II
Transition metals
Organic Chemistry III

AS or A2?

- AS level is a “stand alone” qualification
- AS has the same content as the first year of A Level i.e. AS is co-teachable with A level
- If students take AS level examinations, these marks **DO NOT** form part of the overall A Level grade. Those taking AS level do not intend to progress to A level.
- The A level grade is awarded for performance on the terminal A level papers only – these papers will integrate content/material from the first year of the course.

No practical assessment just core practicals





- “Tried and tested” activities to learn practical procedures, methods of analysis and preparative techniques
- Minimum of 16 activities
- Split between first and second year
- As teachers we report to the exam board that you have done them with “routine competence”. Report for A level only

What's the style of the exams?

- Mixture of question types- Short and long answer questions
- Questions ramped in difficulty through the paper
- Work covered in Core Practicals will be examined in ALL exam papers.
- At AS - two topic based papers
- At A level- Paper 1 and 2 topic-based but Paper 3 will assess across the whole subject and have a practical focus; details of the CP tasks will be the context of a number of questions.

AS Examination Model

Paper 1	Paper 2
1h 30 mins, 80 marks	1h 30 mins, 80 marks
50% of AS	50% of AS
Inorganic and some physical chemistry, with some questions on core practicals	Organic and some physical chemistry, with some questions on core practicals

A2 Examination Model

Paper 1	Paper 2	Paper 3
1h 45mins	1h 45mins	2h 30mins
90 marks	90 marks	120 marks
Inorganic and some physical plus AS topics	Organic and some physical plus AS topics	All topics – practical questions make up half the paper
30% of A level	30% of A level	40% of A level

Common Questions

Is it difficult? Chemistry is challenging. If you achieve a grade 7- 9 in GCSE and follow guidance you can do well.

What's the work-load like? The amount of Individual Study varies. We **recommend** 40 mins private study for every 40 mins of lesson time.

Do you use a lot of maths? Yes but it is not complicated. A good understanding of Quantity in Chemistry is needed.

Are the exams hard? They are different to GCSE. You are expected to recall a lot more! Some students find the applied questions difficult. There is plenty of guidance given by teachers & exam resources are made readily available.

Results 2026

Grade	%
A*-A	51
A*-B	78
A*-C	90

Destinations 2026 Leavers

Chemistry
Medicine
Forensic Science
Natural science
Biochemistry
Pharmaceutical Chemistry
Chemistry with industrial experience
Chemical engineering



Questions?



