

A-level Chemistry

Topics we teach

- In Y12, one of the modules we study is the foundations of chemistry which consists of revisiting our knowledge on atoms, ions, compounds, mole calculations, concentration and titration calculations.

Text books we use

- We use the 'A level Chemistry for OCR A, year 1 and 2 textbooks, this textbook covers all the content that is needed for the two year course in chemistry and supports students in gaining the required knowledge for the A level chemistry qualification.

What are the interesting part of our curriculum

- Students gain skills through practical work and it is rewarding to see how our students develop from Y12 to Y13 through independent or group work.
- Students are encourage to take immediate responsibility for their learning through completion of class and homework task.
- By the end of Y13, our students have carried out experiments such as titration, enthalpy of combustion and rates of reactions.
- Students are trained to gain practical skills that are useful when they go on to university or into the work of practical or industrial work.

How we deliver the curriculum

- Students are aware how important the textbooks are to gaining the vital knowledge needed
- Lots of questions and answers
- Group/paired practical work
- Prior independent learning
- Topic tests
- Directed improvement time

What students like

- Students like to investigate a question and would get excited when they achieve a skill such as setting up a titration, enthalpy or recrystallization equipment

What we offer

- Confidence in the subject material
- Students are guided through their learning and yet expected to take responsibility for their revision and out of class learning.
- UCAS guidance –
- we help students to work towards their predicted grades through topic tests and mock assessments.
- We also write UCAS references for our students.

Student destination

- Some of our students have gone on to study medicine and pharmacy courses
- D.G, achieved a C in chemistry – 2015 cohort – is studying pharmacy at university
- K.R, achieved grade B in chemistry– 2016 cohort – is studying medicine at university
- E.H, achieved grade A in chemistry – 2016 cohort – is studying veterinary medicine
- J.K, achieved grade C in chemistry – 2017 cohort – is studying pharmacy at university
- L.W, achieved grade A in chemistry – 2018 cohort is studying medicine at university