

Welcome to Year 12 Chemistry

Chemistry is the study of materials and the way they interact with each other. A-level Chemistry attempts to answer the big questions 'what is the world made of' and 'how can we make what we need'. It's the search for these answers that makes this subject so fascinating. From investigating how one substance can be changed drastically into another, to researching a new drug to save millions of lives, the opportunities that chemistry provides are endless.

Assessment and Feedback

There are regular assessments in Chemistry that will help you track your progress, practice revision strategies and get feedback on your understanding and exam technique.

They will take place in lessons around the following dates:

w/c 8th October 2018

w/c 10th December 2018

w/c 4th February 2019

w/c 25th March 2019

w/c 3rd June 2019

Structured Independent Study (SIS)

One of the key skills that you will need to develop in Chemistry is the ability to interpret and write concise and accurate answers to exam questions that require an application of knowledge. This can only be developed by practice. We achieve this in Chemistry by students completing monthly question booklets, marking their work using mark schemes and then having a monthly review in lessons of the issues that the questions have brought up. You need to manage your time working through these independently, aiming for completion by the end of each month's deadline. You will have weekly assignments to complete and mark particular questions in the monthly booklet and your activity in doing so will be logged.

Homework

A range of homework tasks will be set by your teacher above and beyond the SIS work outlined above. They will include practical write ups, practice questions, note taking exercises, reading, and revision for the regular assessments. Completion of these tasks along with the SIS component is a characteristic of successful students of A level Chemistry.

Coursework: Required practicals

As part of the course you are assessed in your ability to complete Practical work. There are 6 required practicals in Year 12. These are assessed on a pass / fail basis and then practical based questions will be asked in the written exam. It is therefore essential to attend all required practical sessions to achieve your A level in Chemistry.

Exams

You will sit 3 terminal exams at the end of the year 13 course. Each of these papers are 2 hours long.

Paper 1 (Physical and Inorganic)

Paper 2 (Physical and Organic)

