

Chemistry is a *prestigious* A level which requires hard work and dedication. It leads to a very wide variety of university degree courses and careers.

If you enjoy scientific study and practical work and are happy to combine imaginative and critical thinking, then chemistry could be the course for you!



### Entry Requirements

- A Level Chemistry is a challenging course which needs commitment and enthusiasm.
- Students are required to have a grade B or above in GCSE Science and Mathematics.

## Our previous A level chemistry students say:



“The practical work is fun and the teachers are helpful”

“It is recognised as a hard A level but the help you get makes it worth it”

“The teachers know you well and care for you”

For any additional information please contact our Head of Department [brian.casson@estonpark.co.uk](mailto:brian.casson@estonpark.co.uk)  
Or our Head of Chemistry [lee.johnson@estonpark.co.uk](mailto:lee.johnson@estonpark.co.uk)

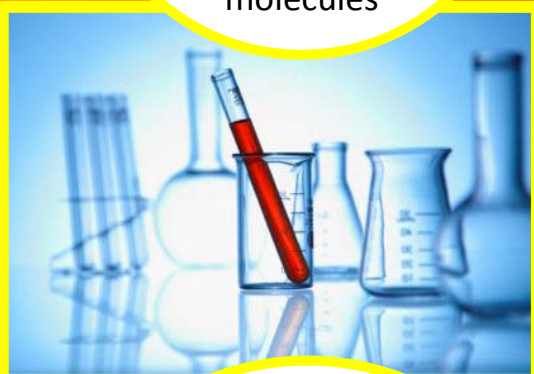
# A Level Chemistry



*In chemistry we explore the fascinating world of atoms, molecules and chemical bonds and link it all to the world around us.*

We study:

- Chemical bonding
- Environmental chemistry
- Making molecules



The AS course can be a qualification in itself, or half of the whole A level chemistry.

20% of the marks come from practical tasks carried out in lessons.

Year 1 – AS Level

We study:

- Industrial chemistry
- Chemical synthesis
- Rates of reactions



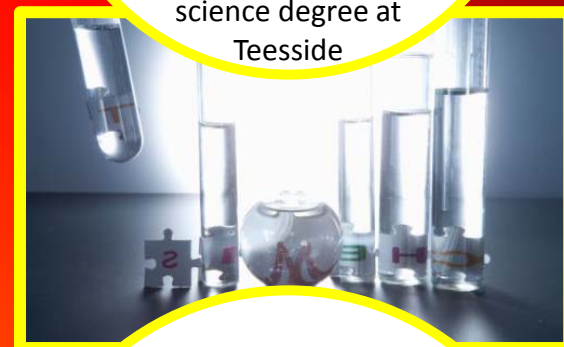
In A2 we build on ideas from AS chemistry.

The course begins with a project on the synthesis and analysis of aspirin.

Year 2 – A Level

Previous students:

- David achieved an A in chemistry and is now studying Medicine at Durham
- Tom achieved a B and is now at Northumbria studying Law
- Amy is on a sports science degree at Teesside



Chemistry is essential for the future study of medicine or veterinary science. Beyond that, it leads to a huge number of degrees and careers such as engineering, research, pharmacy, education...

Where does it lead?