Chemistry

Course Title	**Awarding Body**	**Course Level**
Chemistry	AQA	A Level – 2 Years

Course Description
Chemistry is the science of matter; everything we touch, taste, smell, see and feel is made of chemicals. The content is divided up into manageable sized topics allowing the learning of new and existing concepts to be secured before developing the skill of application. Chemists' investigations are continuously expanding in the modern world by transforming the everyday materials around us into amazing things. Taking Chemistry can provide an entry into a range of higher education routes (not just science based) and can support many employment opportunities.

Course Content
Year 12 : Students will complete three examinable units. The AS course contains questions on physical, organic and inorganic content. You will further study atomic structure, bonding, energetics, periodicity and an introduction to organic chemistry.
Year 13 : Students will complete three examinable units. Students go into further depth in their organic, inorganic and physical chemistry.

Topics that are covered in A level are thermodynamics, rate equations, electrode potentials, transition metals, nuclear magnetic resonance spectroscopy and an introduction to aromatic chemistry.

Assessment
Throughout the course students will be provided with continuous support, guidance and examination practice to allow them to succeed during assessment.

A2 – 3 exam papers, each 2 hours long and you shall be assessed on your practical skills.

Progression Routes
A Level Chemistry is a good academic option which combines well with many other subjects, science and non-science based, providing a firm foundation for those who wish to continue to higher education. Chemistry is necessary for many careers, including Forensic Chemistry, Medicine, Chemical Engineering, Food and Flavour Chemistry and many more. Many employers, for those who wish to seek employment, also hold it in high regard.

Entry Requirements
GCSE level 6 in Science/Chemistry, English and Mathematics.