Chemistry

A LEVEL *Exam Board:* **AQA**

Beckfoot Sixth Form

Students will build upon the knowledge gained at GCSE to develop an advanced knowledge of the fundamental concepts of Chemistry, as well as extending their range of practical skills through context based learning. Assessment is in the form of three written exams at the end of Year 13, each lasting 2 hours.In addition, A-Level students will work towards a practical endorsement in Chemistry, which is internally assessed, and reported separately from the overall grade.

Subject specific criteria:

- Grade 6 in GCSE Chemistry and either Biology or Physics, or Grade 6-6 in Combined Science
- Grade 5 in GCSE Mathematics
- Grade 4 in GCSE English

Skills required:

- Analytical skills
- Problem solving
- Inquisitive mind

Units studied:

- Physical Chemistry
- Inorganic Chemistry
- Organic Chemistry

Futures:

Once students have gained a Chemistry A Level they may further continue their studies at university on a scientific degree or enter the job market. It is usually a requirement for Medicine, Dentistry and Veterinary Science degrees. Chemistry students are always sought after because of the demanding nature of the Chemistry A Level and the wealth of transferrable skills which the study of Chemistry requires.

Subject enrichment:

Various opportunities to enter national and international Chemistry competitions, along with visiting speakers from the Royal Society of Chemistry.