

**QES**An 11-18 academy in Kirkby Lonsdale,
between the Lakes & the Dales**QES**StudioTechnical learning with
local professional partners

Department Details

Science

Science is a large and successful department. The department is a mix of experienced long-serving staff and also some new staff still at the beginning of their teaching careers. This blend makes a team that have a wealth of expertise and a range of skills and talents.

At present the department has 9 full-time teachers and 6 part-time teachers, teaching in 10 full size labs. The department is supported by 4 lab technicians, covering 3 full-time positions, working in 3 prep rooms.

Year	Outline
7	Pupils are taught in mixed ability forms. They follow in-house schemes of work, which are designed to develop skills, knowledge, understanding and enthusiasm for science. Pupils also follow a CASE scheme of work throughout Year 7.
8	The year group is split into three populations and each population is divided into ability sets based on pupil's previous work and examination performances. The three elements of Science are taught as separate subjects by specialist teachers to complete a condensed Key Stage 3 curriculum.
9	Pupils continue to be taught in ability based sets in populations and now begin work on their GCSE Science qualifications. The three sciences continue to be taught as separate subjects by subject specialists. This year group are working on the new AQA specifications and will be choosing either Separate or Combined Sciences as part of their option process.

Year	Outline
10	Pupils have chosen to follow either Separate or Combined Science this year. Approximately 35% have opted to follow Separate Science and the remainder are studying Combined Science as part of their core curriculum. Both cohorts are working on the new AQA specifications. Pupils are set into 9 groups based on course, ability and other option choices. In QES, each element of Science is taught as a separate subject and by specialist teachers, whilst some groups in QESstudio are taught all sciences by one teacher.
11	Pupils have chosen to follow either Separate or Combined Science this year. Approximately 35% have opted to follow Separate Science and the remainder are studying Combined Science as part of their core curriculum. Both cohorts are working on the new AQA specifications. Pupils are set into 9 groups based on course, ability and other option choices. Each element of Science is taught as a separate subject and by specialist teachers.
Sixth Form	Students from QES and QESstudio can opt to study Biology, Chemistry and Physics at A level. There are currently 2 teaching groups in Year 12 and Year 13 for Biology and Chemistry and 1 teaching group for Physics.

We also offer BTEC Level 2 First Award in Engineering in Year 10 and 11 and from September this will continue as the Studio School school moves into its new home. We are also hoping to offer a Level 3 Engineering Course.

The department prides itself on its hardworking, positive ethos dedicated to mutual support and encouragement. We are sure that any member of staff entering this department will find a warm, welcoming atmosphere and an environment conducive to happy and stimulating work.