



"Our priority is to ensure that students, staff and parents are proud to belong to The Quest."

Mr Andy Crofts
Principal, The Quest Academy

SCIENCE FACULTY

The Quest Academy – Coloma Trust has a Science faculty consisting of eight fulltime laboratories and two prep rooms which are all in the vicinity of the science office. All the labs are located in one area making the department a close community where staff support one another, share expertise and best practice. Each lab has a smart board, projector, whiteboard, and visualizer and display boards. Common lab equipment is stored within every laboratory. ICT is integrated into lessons and the department has its own lap top trolley or staff can book an IT suite. The department is an expanding team. Currently there are eight full members of staff with a full range of expertise. All fulltime teachers are expected to teach across the age and ability range including A Level Science.

Key Stages

KS3

Students follow a two year condensed [Key Stage 3](#). Classes are mixed ability. Practical skills are developed through KS3 and pupils use lab books to write up assessed practicals. The content is assessed through regular progress checks and internal exams. In [Year 8](#) students chose their option choices for Key Stage 4. Science is a popular choice for many students who study separate science at GCSE.

KS4

Students will study AQA GCSE Combined science gaining two GCSE grades. Those that opt for science will study the AQA GCSE separate science course gaining 3 GCSEs. Both courses are taught over three years so intervention and revision is embedded into the scheme of work. The progress of each student is monitored closely by the science team. Regular progress tests and internal exams ensures that students are supported throughout their studies.

KS5

The [Academy](#) opened its [Sixth Form](#) in September 2012. Science is a very popular choice at KS5 and occupies a lot of [curriculum](#) time. We offer A-level biology, A-level Chemistry, A-level Physics and BTEC Level 3 Applied Science NQF. A large proportion of students continue studying STEM subjects at university level, at some of the top universities. Recent leavers have included students studying Physics and Geology at Durham, Pharmacy at King's College London and Engineering at Surrey, to name only a few.

Students have opportunities to get involved in science during enrichment opportunities. There are a variety of clubs that are run outside of the curriculum time from Crest Awards to First Aid training, and trips to exhibitions and interactive workshops.