

SCIENCE - COMBINED

CORE
Subject

COURSE OVERVIEW

Pupils will follow 'Combined Science: Trilogy' (double award) over two years. This will lead to two GCSE's. The course has a solid foundation of key scientific theory and practice, with an emphasis on relevant social, ethical and technological issues. Learning is linked to real world contexts that engage and enthuse pupils.

If Separate Sciences are not opted for students will study Combined Science GCSE. Combined Science provides an excellent base for general science understanding and explains concepts and phenomenon that are met in everyday life.

The Combined Science GCSE provides a good foundation for A-level and Level 3 Science courses.

Science is an extremely interesting and enlightening subject which inspires students to understand themselves, the world and the universe they live in.

KNOWLEDGE & SKILLS DEVELOPED

Students will study Biology, Chemistry & Physics content and develop practical skills in Science investigations. Resilience when challenging concepts are being tackled and the tenacity to keep asking questions are the keys to success. Science is all about making observations, hypotheses and asking how and why.

Excellent literacy and numeracy in scientific contexts are developed to achieve the highest grades. To be able to work safely in the lab and to analyse results and make logical links are also extremely important skills which are extended throughout the course.

Curiosity, critical thinking, organisation, analytical and communication skills are all highly valued by employers. These areas along with the ability to collate and present information will be developed during the course.

Qualification: **GCSE**

Awarding Body: **AQA**

ASSESSMENT METHOD

There is no longer a centre assessed coursework element so the GCSE grades will be based on the examination only.

The exams will cover all three sciences.

At the end of year 11 there will be two 1 hour 15-minute exams in each subject specialism of biology, chemistry and physics (6 exams in total)

POST 16 OPPORTUNITIES AND CAREERS

Science is an essential requirement for a wide range of careers ranging from medicine, medical services including physiotherapy, dentistry, forensics, and sports science. Science qualifications are also highly valued in health and beauty careers along with engineering, catering, motor vehicle, plumbing and electrical services. The science department has a strong tradition of pupils going on to study science disciplines at sixth form, university and beyond.



"The content is covered in a lot more depth than KS3 and it's really interesting."

