

## Why do you have to study Science?

Studying Triple Science results in students gaining three separate Science GCSEs in Biology, Chemistry and Physics. These separate Sciences are suitable for those who enjoy the hard work and practical activities involved in the study of Science. Studying separate Sciences at GCSE allows students to unpick how the world around them works and consider how advances in Science have led to some incredible breakthroughs. The implications and impact on our world of scientific advances will also be studied.

Three Science GCSEs can open the door to many career opportunities, however, it should not be undertaken lightly as students will have many hours of Science lessons a fortnight, therefore a passion for Science is important.

The Triple Science option involves the study of extra topics in Biology, Chemistry and Physics, as well as studying those from Combined Science in more depth. Additional content present in Triple Science includes: The Use of Antibodies in Medicine, Sustainable Food Production, Nanoscience, The Science of Polymers, Space Science and The Behaviour of Infrared Radiation.

This course is more demanding than the double science course and will be taught over 15 hours per fortnight.

As with Combined Science, triple science can be examined at both Higher and Foundation Tiers.

**Triple Science** is equivalent to 3 GCSEs and candidates study a mix of all sciences for 15 periods/fortnight.

## Examination Information

**Exam Board:** AQA

**Exam:** 100% Exam

**Exam outline:**

**Separate Science is 3 GCSEs**

6 exams, 2 for each Science. Each examination is worth 50% of each Science.

Examinations total 100%. The qualification is linear, so students will sit all exams at the end of Y11. These exams are 105 minutes long.

Year 9 have started covering content for GCSE Sciences already. Students should consult with their teacher before choosing their preferred science course.

For further information on the Combined Science and Triple Science courses please contact the Head of Science.

## Where can it take me?

**Next Steps:** A Level Sciences and other Level 3 courses including Forensic Science and apprentice opportunities

**Future career opportunities that this subject may lead to:** Medicine, Dentistry, Engineering, Pharmaceuticals, Forensic science, Veterinarian and similar courses, Maths, Psychology, Midwifery, Paramedic services, Personal training, Catering. As a core subject, most career paths have a Science link.

## What Key Skills will I gain by taking Science

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|---|--|
| <input checked="" type="checkbox"/> Analysing                   | <input checked="" type="checkbox"/> Independent Learning |
| <input type="checkbox"/> Communication - Verbal                 | <input type="checkbox"/> Independent Thinking            |
| <input type="checkbox"/> Communication - Written                | <input type="checkbox"/> Listening Skills                |
| <input type="checkbox"/> Creative Thinking                      | <input type="checkbox"/> Presentation Skills             |
| <input type="checkbox"/> Debating                               | <input checked="" type="checkbox"/> Problem Solving      |
| <input type="checkbox"/> Decision Making                        | <input type="checkbox"/> Reading                         |
| <input checked="" type="checkbox"/> Evaluating                  | <input checked="" type="checkbox"/> Research             |
| <input checked="" type="checkbox"/> Hands-On / Technical Skills | <input type="checkbox"/> Team Work                       |