

SCIENCE: Triple Award (Biology GCSE, Chemistry GCSE, Physics GCSE)

This course is aimed towards high achieving students (Secure and Excellence at Year 9) who would benefit from a greater challenge in science at KS4. Although this award supports the study of sciences at A-level, it is not a condition of entry.

Course Aims:

Studying the separate sciences means students will cover more content than GCSE Combined Sciences GCSE Biology, GCSE Chemistry and GCSE Physics will provide great preparation for AS and A-level.

Examination Board:

AQA

Summary of Course Structure:

The three GCSEs follow the same course structure as Combined Science but with additional material throughout. Students are taught by three teachers who are specialists in the subject areas.

Assessment:

Each of the three GCSEs are 100% examined with no Controlled Assessment. Students will take a total of 6 exams which will give 3 GCSEs graded 1 to 9.

Course Content:

Two papers: each paper will assess different topics.

Duration: both papers are 1 hour 45 minutes.

Tiers: Foundation and Higher.

Weighting: the papers are equally weighted. Each is worth 50% of the grade and has 100 marks available.

Question types: multiple choice, structured, closed short answer and open response.

Biology	Chemistry	Physics
<p><u>Paper 1</u></p> <ol style="list-style-type: none">1. Cell biology2. Organisation3. Infection and response4. Bioenergetics	<p><u>Paper 1</u></p> <ol style="list-style-type: none">1. Atomic structure and the periodic table2. Bonding, structure and the properties of matter3. Quantitative chemistry4. Chemical changes5. Energy changes	<p><u>Paper 1</u></p> <ol style="list-style-type: none">1. Energy2. Electricity3. Particle model of matter4. Atomic structure
<p><u>Paper 2</u></p> <ol style="list-style-type: none">5. Homeostasis and response6. Inheritance, variation and evolution7. Ecology	<p><u>Paper 2</u></p> <ol style="list-style-type: none">6. The rate and extent of chemical change7. Organic chemistry8. Chemical analysis9. Chemistry of the atmosphere10. Using resources	<p><u>Paper 2</u></p> <ol style="list-style-type: none">5. Magnetism and electromagnetism6. Space physics7. Forces8. Waves

Further details available on:

www.aqa.org.uk/subjects/science/new-science-gcse-specifications

For further information please contact: Mr P. Barnsley