

SCIENCE: Combined Sciences: Trilogy (two science GCSEs)

Course Aims:

Students studying Combined Science: Trilogy will cover the three science disciplines in the traditional fashion. Combined Science: Trilogy takes a logical and coherent journey through familiar and new content. Combined Sciences: Trilogy will provide a comprehensive scientific background as well as preparation for further study including AS and A-levels.

Examination Board:

AQA

Summary of Course Structure:

The two GCSEs follow the same course structure as Triple Sciences but with less content overall. Students are taught by specialists in the subject area.

Assessment:

Combined Sciences: Trilogy is 100% examined with no Controlled Assessment. Students will take a total of 6 exams which will give 2 GCSEs graded 1 to 9 as 1-1, 1-2 to 8-9, 9-9.

Course Content:

Six papers: two biology, two chemistry and two physics. Each will assess different topics.

Duration: all the papers are 1 hour 15 minutes.

Tiers: Foundation and Higher.

Weighting: the papers are equally weighted. Each is worth 16.7% of the grade and has 70 marks.

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