



GCSE: SEPARATE SCIENCES: BIOLOGY, CHEMISTRY AND PHYSICS

Examining Board: AQA

Subject Leader: Judith Edge

Teachers: All science staff

Course Overview:

GCSE Separate Sciences offers students a chance to gain an in-depth knowledge of Chemistry, Biology and Physics, building on the core national curriculum with more detail, as well as covering additional content.

This course is ideal for those interested in careers in STEM subjects, whether via the A level route or not.

GCSE Separate Sciences (also known as Triple Award or Single Sciences) is where students study all three sciences resulting in three GCSEs, which are separate qualifications with an individual grade for each science.

Subject content Biology

Cell biology	Organisation
Infection and response	Bioenergetics
Homeostasis and response	Inheritance, variation and evolution
Ecology	

Subject content Chemistry

Atomic structure and the periodic table	Bonding, structure, and the properties of matter
Quantitative chemistry	Chemical changes
Energy changes	The rate and extent of chemical change
Organic chemistry	Chemical analysis
Chemistry of the atmosphere	Using resources

Subject content Physics

Energy	Electricity
Particle model of matter	Atomic structure
Forces	Waves
Magnetism and electromagnetism	Space



About the Exams:

Each subject has:

- Two Written examinations each lasting 1 hour 45 minutes
- Foundation and Higher Tier papers are available
- 100 marks for each paper
- Each of the examinations are worth 50% of the total GCSE.
- The sciences do not all have to be taken at the same tier of entry.