

## GCSE Separate Sciences

Exam Board - AQA.

GCSE Separate Sciences offers students a chance to gain a more in depth knowledge of Chemistry, Biology and Physics and to build on areas covered in combined Science in more detail, as well as covering extra content.

This course is ideally suited for those who are interested in careers in STEM subjects.

GCSE Separate Sciences (also known as Triple Award Science) is where students study all three sciences and end up with three GCSEs, a separate qualification in Chemistry, Biology and Physics.

### Subject content Biology

- 1. Cell biology
- 2. Organisation
- 3. Infection and response
- 4. Bioenergetics
- 5. Homeostasis and response
- 6. Inheritance, variation and evolution
- 7. Ecology

### Subject content Chemistry

- 1. Atomic structure and the periodic table
- 2. Bonding, structure, and the properties of matter
- 3. Quantitative chemistry
- 4. Chemical changes
- 5. Energy changes
- 6. The rate and extent of chemical change
- 7. Organic chemistry
- 8. Chemical analysis
- 9. Chemistry of the atmosphere
- 10. Using resources

### Subject content Physics

- 1. Energy
- 2. Electricity
- 3. Particle model of matter
- 4. Atomic structure
- 5. Forces
- 6. Waves
- 7. Magnetism and electromagnetism
- 8. Space physics

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.