

# GCSE The Sciences (Double Award)

## 2 GCSE Grades

The three Sciences are studied in this qualification

Biology



Chemistry



Physics



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## GCSE The Sciences Double Award – these are the topics studied

Biology	Chemistry	Physics
variation, mutation and natural selection	bonding, structure and properties of matter and substances	Motion
dynamic ecosystems	atomic structure and the periodic table	Forces and moments about a point
biological processes	reactivity and energy	energy
human health	rate of chemical change	representing and calculating the behaviour of electrical circuits
	acidity and neutralisation	waves and the world around us
	analysis of substances through physical and chemical tests	fields and electromagnetism
	organic chemistry	radioactivity
	tackling climate change and achieving a sustainable future	exploring space

## Assessment Criteria:

The GCSE The Sciences (Double Award) - Assessment Arrangements

- **Three examination assessments** that account for 75% of the qualification: in each of the science disciplines of biology, chemistry and physics. Each exam must be taken at the end of the final year of study (Year 11).
- **A practical assessment** that accounts for 10% of the qualification.
- An examination on **Bringing the Sciences Together** (investigation) that accounts for 15% of the qualification.

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## Biology Staff

Miss Amy Murphy  
Mrs Amy Butler

## Chemistry Staff

Miss Leanne Evans  
Mr Mark Thomas

## Physics Staff

Mrs Clare Francis  
Mr Anthony Thomas

These are the staff who are specialists in the individual sciences.

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### Future Careers - Biology

Medicine (Dr, Nurse, Health Visitor,  
Physiotherapist, Carer etc)

Teacher

Nutritionist

Research Scientist

Zoologist

Microbiologist

Pathologist

Veterinary Nurse

Forensic Scientist

Physiotherapist

Immunologist

Teaching Assistant

Marine Biologist

### Future Careers - Chemistry

Medicine (Dr, Nurse, Health Visitor,  
Physiotherapist, Carer etc)

Pharmacy

Material Science

Management engineer

Nuclear Scientist

Secondary Teacher

Scientific Editor

Cyber Security Expert

Pharmacologist

Food industry

Armed Services

Software Tester

Forensic Scientist

### Future Careers - Physics

Medicine (Dr, Nurse, Health  
Visitor,

Physiotherapist, Carer etc)

Pharmacy

Material Science

Management engineer

Nuclear Scientist

Secondary Teacher

Astrophysicist

Cosmologist

Cyber Security Expert

Pharmacologist

Armed Services

Software Tester

Forensic Scientist

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I like my teachers and think they are very good at assisting me when I need it.

We feel it gives us a wider variety and choice of career opportunities when we leave school.

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# Biology



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# Chemistry





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# Physics

PHYSICISTS HELP MODEL THE  
CLIMATE, DIAGNOSE DISEASE,  
DESIGN CLEVER TECH AND  
MORE

