

Why Choose GCSE Science?

GCSE Science (Double Award) provides a broad and coherent course of study. It will encourage you to develop confidence in, and a positive attitude towards, science and to recognise its importance in your own life and to society.

Year 10

Biology (Unit 1)

Cells and movement across membranes
Respiration and the respiratory system in humans
Digestion and the digestive system in humans
Circulatory system in humans
Plants and photosynthesis
Ecosystems and human impact on the environment

Chemistry (Unit 2)

The nature of substances and chemical reactions
Atomic structure and the Periodic Table
Water
The ever-changing Earth
Rate of chemical change

Physics (Unit 3)

Electric circuits
Generating electricity
Making use of energy
Domestic electricity
Features of waves



Year 11

Biology (Unit 5)

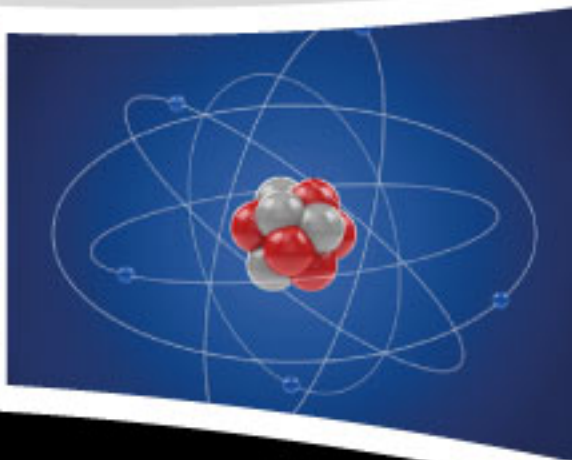
Classification and biodiversity
Cell division and stem cells
DNA and inheritance
Variation and evolution
Response and regulation
Disease, defence and treatment

Chemistry (Unit 5)

Bonding, structure and properties
Acids, bases and salts
Metals and their extraction
Chemical reactions and energy
Crude oil, fuels and carbon compounds

Physics (Unit 6)

Distance, speed and acceleration
Newton's laws
Work and energy
Stars and planets
Types of radiation
Half-life



At Alun School,
our experienced teaching team provide expert guidance and tuition.

GCSE Science (Double Award)

Assessment Information

Examining Board: WJEC

Accreditation: GCSE (Double Award) Grades A*A*- G G

Higher Tier: Grades A* A*- D D

Foundation Tier: C C - G G

Year 10: Unit 1 - Biology Unit 2 - Chemistry Unit 3 - Physics

(1 hour 15 minutes written examinations for each subject that make up 45% of qualification)

Year 11: Unit 4- Biology Unit 5 - Chemistry Unit 6 - Physics

(1 hour 15 minutes written examinations for each subject that make up 45% of qualification)

Unit 7: Practical Examination: Obtaining Results and Analysing and Evaluating Results.

The practical assessment is untiered and will take place Jan/Feb of Year 11. You will be able to demonstrate your experimental and analytical skills through working scientifically.

(10% of qualification)

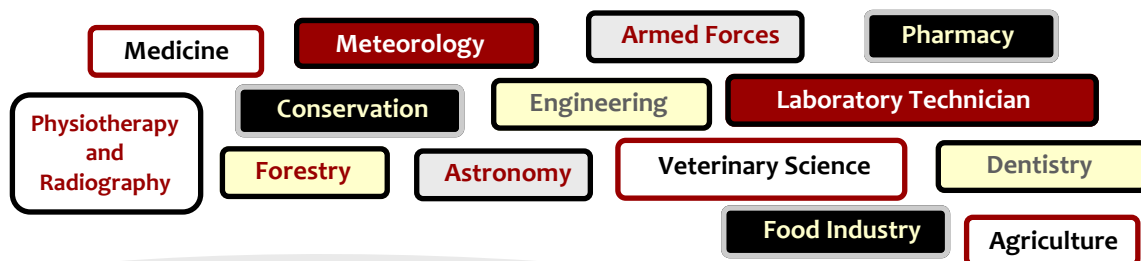
Who is suitable for this course?

This course is suitable for all Key Stage 4 learners. You will achieve two GCSEs in Science.

Why should I take this course?

A knowledge and understanding of science is important for all aspects of everyday life.

GCSE Science is will give you an excellent grounding for opportunities within:



Future Options

After studying GCSE Science you could:

Study Advanced Level Biology, Chemistry or Physics at Sixth Form;

Study for a degree in a science-related course or other subject at university;

Get a job within a field of science.

For Further Information

Please contact the Science department.

