



GATEWAY SCIENCE SUITE - COMBINED SCIENCE A (WORTH 2 GCSEs)

AWARDING BODY: OCR

QUALIFICATION: GCSE

AVAILABLE: ALL STUDENTS

COURSE OUTLINE

This course involves students studying for two Science GCSEs. The specification is designed with a content-led approach.

- Develop scientific knowledge and understanding through the specific disciplines of biology, chemistry and physics;
- Develop understanding of the nature, processes and methods of science, through different types of scientific enquiries;
- Develop and learn to apply observational, practical, modelling, enquiry and problem-solving skills, both in the laboratory, in the field and in other learning environments;
- Develop the ability to evaluate claims based on science through critical analysis of the methodology, evidence and conclusions.

Biology

B1: Cell level systems
B2: Scaling up
B3: Organism level systems
B4: Community level systems
B5: Genes, inheritance and selection
B6: Global challenges

Chemistry

C1: Particles
C2: Elements, compounds and mixtures
C3: Chemical reactions
C4: Predicting and identifying reactions and products
C5: Monitoring and controlling chemical reactions
C6: Global challenges

Physics

P1: Matter
P2: Forces
P3: Electricity and magnetism
P4: Waves and radioactivity
P5: Energy
P6: Global challenges



ASSESSMENT METHOD

Terminal Paper at the end of year 11 (100%)

6 papers sat in year 11, each paper will last 1 hour and 10 minutes and each will be worth 60 marks. Assessing student's knowledge and understanding of Biology, Chemistry and Physics.

Students are entered for one of two tiers: Higher Grades 4-9 and Foundation Grades 1-5

SKILLS ACQUIRED

- To make informed personal decisions about issues and questions that involve Science;
- To gain scientific knowledge, leading to a better understanding of the world;
- To develop a range of practical skills;
- To develop mathematical skills;
- To develop investigatory and analytical skills;
- To develop skills in the presentation of scientific data;

Specification: <http://www.ocr.org.uk/Images/234596-specification-accredited-gcse-gateway-science-suite-combined-science-a-j250.pdf>

Assessment: <http://www.ocr.org.uk/qualifications/gcse-gateway-science-suite-combined-science-a-j250-from-2016/>