

KEY STAGE FOUR SUBJECT INFORMATION

Subject Title: **GCSE Biology**

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Examination Board: **OCR** www.ocr.org.uk

Course Description

The GCSE Biology course helps students develop their biological knowledge and scientific thinking. They discover how key concepts in biology make sense of the observed diversity of natural phenomena. Relevant practical skills are integrated with the theoretical topics.

The course consists of 100% exams.

Topics of study

B1: Cell level systems

Cell structures
What happens in cells
Respiration
Photosynthesis

B2: Scaling up

Supplying the cell
The challenges of sizes

B3: Organism level systems

The nervous system
The endocrine system
Maintaining internal environments

B4: Community level systems

B5: Genes, inheritance and selection

Inheritance
Natural selection and evolution

B6: Global challenges

Monitoring the environment
Feeding the human race
Monitoring and maintaining health

Examinations

Biology	Paper	1	-	B1,	B2,	B3
Biology	Paper	2	-	B4,	B5,	B6

(with assumed knowledge of B1,B2,B3)

EACH EXAM COUNTS 50% OF THE OVERALL BIOLOGY SCIENCE GRADE

EXAMS ARE 1hr 45 min

Total marks available 90

