

Separate Science (Year 11)

Curriculum Map 2025-2026



Biology

GCSE Exams

Finalising Exam Technique

- Mark schemes
- 6 mark responses
- Command words
- Interpreting tables
- Graph skills

Required Practical
Revision

Paper 1 & 2
Revision

Variation and Evolution

- Darwin's theory of natural selection
- Selective breeding
- Genetic modification



Ecology

- Ecosystems and biodiversity
- The atmosphere and global warming
- Sustainable food production

Paper 2 Revision

Mock Exam
Paper 2

Mock Exam
Paper 1

Inheritance

- The structure of DNA
- Mutations
- How proteins are formed from DNA in the ribosomes
- The process of meiosis in the formation of gametes



Homeostasis and Response

- The nervous system
- The brain
- The eye
- Control of body temperature
- The endocrine system
- Hormones in reproduction