

# Science Trilogy Curriculum Map (Year 11)

BIOLOGY AQA [2022 – 2023]



GCSE  
EXAMS

Finalising exam technique

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

Review of paper 2  
required practical

- Human reaction times
- Sampling techniques

Review of paper 1 required  
practical

- Microscopy
- Osmosis
- Food tests
- pH and enzymes
- Rate of photosynthesis

MOCK EXAM  
Paper 2



Inheritance

Describe how different characteristics arise in organisms

Use probability and ratio to determine the chance of different characteristics arising

Homeostasis

Explain how endocrine systems control blood sugar, temperature and ions

Describe the role of hormones in human reproduction

Describe and evaluate fertility treatments

Ecology

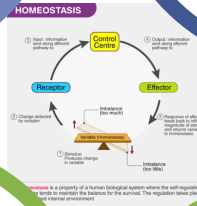
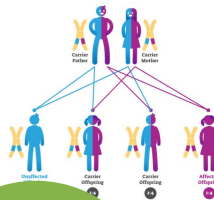
Describe organisation of ecosystems

Biotic and abiotic factors

Explain how biodiversity can be maintained

Paper 1  
moving  
forwards  
activities

BIOLOGICAL INHERITANCE



MOCK EXAM  
Paper 1

Paper 1 review

- Cell Biology
- Organisation
- Infection and Response
- Bioenergetics (photosynthesis and respiration)

Variation  
and  
Evolution  
Assessment

Variation and Evolution

Describe and link evidence to support the theory of evolution by natural selection

Describe and explain how the characteristics of plants and animals can be altered

Classify species and understand how new species can arise or become extinct

