

Separate Science (Year 10)

Curriculum Map 2024-2025



Biology

Homeostasis and response

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

Mocks

Paper 1
Biology,
Chemistry &
Physics

Exam Preparation

- Required practical's
- Command words
- Application questions

Infection and response

- Communicable diseases
- Vaccinations
- Antibiotics
- Monoclonal antibodies
- Plant diseases



Bioenergetics

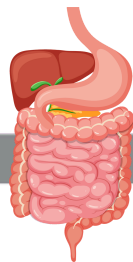
- Respiration
- Effect of exercise
- Metabolism
- Photosynthesis
- Investigating rate of photosynthesis
- Respiration in plants



January
Assessment

Organisation

- Digestive system
- Circulatory system
- Health, lifestyle and non-communicable diseases
- Cancer



Cell biology

- Cell structure and functions
- Eukaryotes and prokaryotes
- Microscopy
- Cell culture
- Stem cells
- Mitosis
- Transport