

# Science Curriculum Journey: Separate biology (Year 10)

Curriculum Map 2026 - 2027



## 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

## Covered in Year 9

- Infection and response trilogy content
- Microbes
- Diseases in animals and plants
- Vaccinations
- Drug development