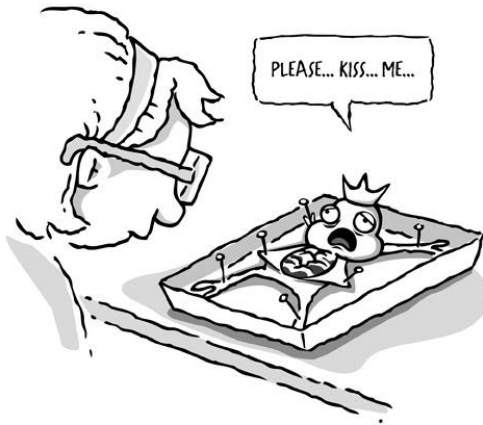




A Level Biology A OCR



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Content Overview

Content is split into six teaching modules:

Module 1 – Development of practical skills in biology

Module 2 – Foundations in biology

Module 3 – Exchange and transport

Module 4 – Biodiversity, evolution and disease

Module 5 – Communication, homeostasis and energy

Module 6 – Genetics, evolution and ecosystems

Component 01 assesses content from modules 1, 2, 3 and 5.

Component 02 assesses content from modules 1, 2, 4 and 6.

Component 03 assesses content from all modules (1 to 6).

Assessment Overview

Biological processes (01)
100 marks
2 hour 15

37%
of total
A level

Biological diversity (02)
100 marks
2 hour 15

37%
of total
A level

Unified biology (03)
70 marks
1 hour 30

26%
of total
A level

Practical endorsement in biology (04)*
(non exam assessment)

Reported separately

Practical endorsement – skills assessed in lessons

Practical activity group (PAG)

1. Microscopy

2. Dissection

3. Ecological sampling techniques

4. Rates of enzyme controlled reactions

5. Colorimeter

6. Chromatography

7. Microbiological techniques

8. Transport in and out of cells


9. Qualitative testing

10. Investigation using a data logger OR computer modelling


11. Investigation into the measurement of plant or animal responses

12. Research skills

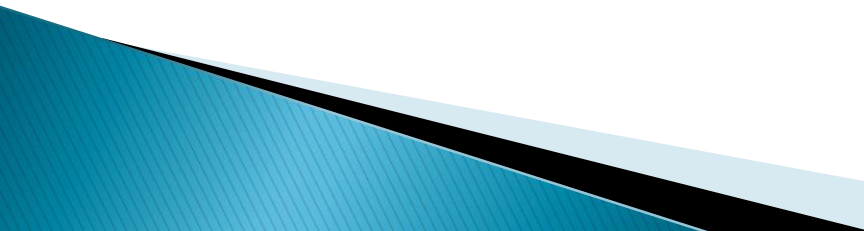
Support for all pupils

- ▶ Two teachers to offer support – pupils are encouraged to ask for additional help if needed at anytime
 - ▶ Weekly after school revision sessions – these take place on a Wednesday afternoon and start in October
 - ▶ Biology Intervention Group/Mentoring – pupils who need further help will be invited to join this group for further teacher support
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Expectations for a successful biology student

- ▶ Seek help at the time of teaching – don't let problems build up!
 - ▶ Have excellent **attendance** and **punctuality**
 - ▶ Homework completed with maximum effort
 - ▶ Carry out independent reading and note taking (approx. 4 hours/week)
 - ▶ Help class mates – team learning and **peer tutoring**
 - ▶ Make use of practice exam papers
 - ▶ Attend after school sessions
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Resources for purchase

- ▶ Textbook – for classroom use
 - ▶ Maths skills booklet – for classroom use
 - ▶ Practical skills booklet – for classroom use
 - ▶ CGP revision guide and workbook – for revision and practice of questions throughout the year
 - ▶ Biological Sciences Review – excellent for additional reading, aimed at 6th form students and linked to exam content
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November 2021 – Biology Field Trip

- ▶ Flatford Mills FSC for a 3 day residential course essential for the development and practice of key ecological skills
- ▶ Approximately £300

FSC

BRINGING
ENVIRONMENTAL
UNDERSTANDING TO ALL

