

BIOLOGY

Year 9

Topics Studied:

Topic 3 - Infection and response; Topic 5 - Homeostasis and response; Topic 6 - Inheritance variation and evolution

Term by term overview:

Autumn 1+2 – Infection and response; homeostasis and response

Spring 1+2 – Homeostasis and response; Inheritance, variation and evolution

Summer 1+2 – Inheritance, variation and evolution; revision; required practical catch up

Exam Board:

AQA

Assessment structure:

Separates route (3 GCSE's):

Biology Paper 1

What's assessed

Topics 1–4: Cell biology; Organisation; Infection and response; and Bioenergetics.

How it's assessed:

Written exam: 1 hour 45 minutes

Foundation and Higher Tier

100 marks

50% of GCSE

Biology Paper 2

What's assessed

Topics 5–7: Homeostasis and response; Inheritance, variation and evolution; and Ecology.

How it's assessed:

Written exam: 1 hour 45 minutes

Foundation and Higher Tier

100 marks

50% of GCSE

Trilogy route (2 combined GCSE's):

Biology Paper 1

What's assessed

Topics 1–4: Cell Biology; Organisation; Infection and response; and Bioenergetics.

How it's assessed:

Written exam: 1 hour 15 minutes

Foundation and Higher Tier



70 marks
16.7% of GCSE

Biology Paper 2

What's assessed

Topics 5–7: Homeostasis and response; Inheritance, variation and evolution; and Ecology.

How it's assessed:

Written exam: 1 hour 15 minutes

Foundation and Higher Tier

70 marks

16.7% of GCSE

10 required practical's (both routes)

Questions in the written exams will draw on the knowledge and understanding students have gained by carrying out the practical activities. These questions will count for at least 15% of the overall marks for the qualification. Many of the questions will also focus on investigative skills and how well students can apply what they know to practical situations often in novel contexts.

Students will be set a route accordingly in Y11

Subject specific websites to support revision and independent learning:

GCSE Pod, BBC Bitesize, AQA website (search for 8461)

www.kerboodle.com

Watching scientific documentaries on BBC iplayer or Netflix to widen subject knowledge

Recommended subject guides:

Books not published yet – tbc

Parental/carer Support:

- Please feel free to check workbooks to reinforce the high standards that are set during the GCSE course. This can lead on to checking the knowledge of the student by questioning them on their understanding of the topics they have been taught, ensuring answers contain a good use of scientific keywords.
- Ensure students are using the online resources (kerboodle, AQA website, show my homework) to support themselves in their revision.

Additional Information:

