

BIOLOGY

Year 13

Topics Studied:

- 1 Biological molecules
- 2 Cells
- 3 Organisms exchange substances with their environment
- 4 Genetic information, variation and relationships between organisms
(1-4) Covered and assessed during Y12 but will be assessed again in Y13
- 5 Energy transfers in and between organisms (A-level only)
- 6 Organisms respond to changes in their internal and external environments (A-level only)
- 7 Genetics, populations, evolution and ecosystems (A-level only)
- 8 The control of gene expression (A-level only)

Exam Board:

AQA

Assessment structure:

Paper 1

What's assessed

Any content from topics 1–4, including relevant practical skills

Written exam: 2 hours

91 marks

35% of A-level

Questions

76 marks: a mixture of short and long answer questions

15 marks: extended response questions

Paper 2

What's assessed

Any content from topics 5–8, including relevant practical skills

Written exam: 2 hours

91 marks

35% of A-level

Questions

76 marks: a mixture of short and long answer questions

15 marks: comprehension question



Paper 3

What's assessed

Any content from topics 1–8, including relevant practical skills

Written exam: 2 hours

78 marks

30% of A-level

Questions

38 marks: structured questions, including practical techniques

15 marks: critical analysis of given experimental data

25 marks: one essay from a choice of two titles

Plus 12 required practical's:

- Six from Y12
- Six from the A-level only

Subject specific websites to support revision and independent learning:

AQA website (search for Biology 7042)

Recommended subject guides:

AQA A-Level Biology Year 2 Student Book

Authors: Glenn Toole and Susan Toole

Publisher: Oxford University Press (including Nelson Thornes)

ISBN-13: 978-0-19-835770-4

Price: £24.99

Parental/carer Support:

- Please feel free to check workbooks to reinforce the high standards that are set during the A-level 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:

