



A – Level 2-Year Journey in Biology

| | Term 1 | Term 2 | Term 3 | Term 4 | Term 5 | Term 6 |
|-------------------------|---|--|---|--|--------------------------------------|---|
| Year 12 Teacher 1 | Chapter 3 - Cell Structure | Chapter 4 - Transport across membranes | Chapter 5 – immune system | Chapter 8 – DNA and genes | Chapter 9 - Meiosis | Chapter 10 – Species and taxonomy |
| | Chapter 3 - Cell Cycle | Chapter 4 – Co-transport of substances | Chapter 5 – Vaccination | Chapter 8 – Protein synthesis | Chapter 9 – Types of selection | Chapter 10 – Investigating biodiversity |
| Year 12 Teacher 2 | Chapter 1 – Biological molecules | Chapter 2 – Nucleic acids | Chapter 6 – Exchange of gasses in animals | Chapter 6 – Digestion and absorption | Chapter 7 – Mass exchange in animals | Chapter 7 – Mass exchange in plants |
| | Chapter 1 - Enzymes | | | Chapter 6 – exchange of gasses in plants | | |
| Assessment – Year 12 | Biological molecules assessment | Nucleic acids assessment | Exchange in animals assessment | DNA, genes, protein synthesis assessment | Meiosis and selection assessment | Investigation biodiversity assessment |
| | Cell structure and cell cycle assessment | Transport across membranes assessment | Cell recognition and immunity assessment | Digestion and absorption assessment | Gass exchange assessment | Mass exchange assessment |
| Year 13 Teacher 1 | Chapter 18 –Populations and evolution | Chapter 17 – inherited change | Chapter 20 – Gene expression | Exam skills and maths skills recap | Examinations | Examinations |
| | Chapter 19 – populations in ecosystems | Mock Exam | Chapter 21 – Recombinant DNA technology | Mock Exams | | |
| Year 13 Teacher 2 | Chapter 11 - Photosynthesis | Chapter 13 – Energy and ecosystems | 14 – Response to stimuli | 16 - homeostasis | | |
| | Chapter 12 - Respiration | Mock Exam | 15 – nervous coordination and muscles | Mock Exam | | |
| Assessment – Year 13 | Populations, evolution and ecosystems assessment Photosynthesis and respiration assessment | Mock Exams | Gene expression and DNA technologies assessment Response and nervous coordination assessment | Mock Exams | In class practice | In class practice |
| Homework | Homework will be set by both teachers of roughly 2 hours per week. Homework up to 8 hours per fortnight should be completed with remaining time spent on independent reviews of Learning | | | | | |

AQA Biology A

<https://www.aqa.org.uk/subjects/science/as-and-a-level/biology-7401-7402/specification-at-a-glance>