



Curriculum Overview – BIOLOGY

Key Stage 3

Year 7	Year 8	Year 9
<p>Students study the following Biology topics in a carousel with Chemistry and Physics:</p> <ul style="list-style-type: none">• Cells• Plant Reproduction• Human Reproduction• Investigative Science	<p>Students study the following Biology topics in a carousel with Chemistry and Physics:</p> <ul style="list-style-type: none">• Photosynthesis• Movement• Breathing and Respiration• Food and Digestion• Health• Selection	<p>GCSE topics are started in Year 9</p> <ul style="list-style-type: none">• B1 – Cell structure and transport.• B3 – Organisation and the digestive system.• B4 – Organising animals and plants.• B8 – Photosynthesis.

Textbook Used:

Year 7

Year 8

Year 9 AQA Biology 3rd Edition. Ann Fullick. Published by Oxford University Press. ISBN: 978-0-19-835937-1



Key Stage 4 – GCSE Exam Board: AQA

Year 10	Year 11
B1: Cell structure and transport.	B10: The human nervous system.
B2: Cell division.	B11: Hormonal coordination.
B3: Organisation and the digestive system.	B12: Homeostasis in action.
B4: Organising animals and plants.	B13: Reproduction.
B5: Communicable diseases.	B14: Variation and evolution.
B6: Preventing and treating disease.	B15: Genetics and evolution.
B7: Non – communicable diseases.	B17: Organising an ecosystem.
B8: Photosynthesis.	B18: Biodiversity and ecosystems.
B9: Respiration.	<i>NB: Current cohort completed B16 whilst in year 9</i>

Textbook Used: AQA Biology 3rd Edition. Ann Fullick. Published by Oxford University Press. ISBN: 978-0-19-835937-1.



Key Stage 5 – A Level Exam Board: AQA

Year 12	Year 13
1.1 Biological molecules.	3.2 Photosynthesis.
1.2 Enzymes.	3.3. Respiration.
1.3 Nucleic acids.	3.4 Energy and ecosystems.
1.4 Exchange.	3.5 Nutrient cycles.
1.5 Protein synthesis.	3.6 Genetics.
1.6 Genetic diversity.	3.7 Evolution.
2.1 Cell structure.	4.1 Nerves.
2.2 Mitosis.	4.2 Response to stimuli.
2.3 Transport across cell membranes.	4.3 Muscles.
2.4 Immunity.	4.4 Homeostasis.
2.5 Mass transport.	4.5 Gene expression.
2.6 Biodiversity.	4.6 DNA technology.
3.1 Populations in ecosystems.	

Textbook Used:

Year 12: AQA Biology 2nd Edition. A level year 1 and AS. Glen Toole and Susan Toole. Oxford University Press. ISBN: 978-0-19-835176-4.

Year 13: AQA Biology 2nd Edition. A level year 2. and AS. Glen Toole and Susan Toole. Oxford University Press. ISBN: 978-0-19-835770-4.