



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">• Movement• Cells• Interdependence• Plant reproduction• Variation• Human reproduction	<p>Students study the following Biology topics:</p> <ul style="list-style-type: none">• Breathing, gas exchange and health.• Digestion• Respiration• Photosynthesis• Evolution• Inheritance	<ul style="list-style-type: none">• B1 – Cell structure and transport.• B3 – Organisation and the digestive system.• B4 – Organising animals and plants.

Textbook Used:

Year 7 AQA Activate Book 1. Gardom Hulme, Locke and Reynolds. Published by Oxford University Press. ISBN : 978-0-19-840824-6

Year 8 AQA Activate Book 2. Gardom Hulme, Locke and Reynolds. Published by Oxford University Press. ISBN : 978-0-19-840825-3

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
B8: Photosynthesis	B12: Homeostasis in action.
B9: Respiration.	B13: Reproduction.
B5: Communicable diseases.	B14: Variation and evolution.
B6: Preventing and treating disease.	B15: Genetics and evolution.
B7: Non – communicable diseases.	B18: Biodiversity and ecosystems.
B2: Cell division	
B10: The human nervous system.	
B11: Hormonal coordination.	
B16: Adaptations, interdependence and competition.	
B17: Organising an ecosystem.	

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 Exchange	3.4 Energy and ecosystems.
1.4 Nucleic acids.	3.6 Genetics.
1.5 Protein synthesis.	3.7 Evolution.
1.6 Genetic diversity.	4.1 Nerves.
1.7 Biodiversity.	4.2 Response to stimuli.
2.1 Cell structure.	4.3 Muscles.
2.2 Mitosis.	4.4 Homeostasis.
2.3 Transport across cell membranes.	4.5 Gene expression.
2.4 Immunity.	4.6 DNA technology.
2.5 Mass transport.	
3.1 Populations in ecosystems.	
3.5 Nutrient cycles.	

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.