

BIOLOGY AQA GCSE

Curriculum map

YR10 – YR11

	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
Year 10	<p>GCSE Biology <u>Topic 1 Cell biology</u></p> <ul style="list-style-type: none"> Cell structure Cell division Transport in cells <p>Required practicals 1. Microscope 2. Agar 3. Osmosis/potato</p> <p>End of half term assessment</p>	<p>GCSE Biology <u>Topic 2 Organisation</u></p> <ul style="list-style-type: none"> Principles of organisation Animal tissues, organs and organ systems <p>Required practicals 4. Food tests</p> <p>End of half term assessment</p>	<p>GCSE Biology <u>Topic 2 Organisation</u></p> <ul style="list-style-type: none"> Animal tissues, organs and organ systems (cont'd) Plant tissues, organs and systems <p>Required practicals 5. pH and amylase</p> <p>End of half term assessment</p>	<p>GCSE Biology <u>Topic 3 Infection</u></p> <ul style="list-style-type: none"> Communicable diseases <p>Required practical</p> <p>End of half term assessment</p>	<p>GCSE Biology <u>Topic 4 Bioenergetics</u></p> <ul style="list-style-type: none"> Photosynthesis <p>Required practical 6. Pondweed</p> <p>End of half term assessment</p>	<p>GCSE Biology <u>Topic 4 Bioenergetics</u></p> <ul style="list-style-type: none"> Respiration <p>Required practical</p> <p>End of year assessment</p>
Year 11	<p>GCSE Biology <u>Topic 5 Homeostasis</u></p> <ul style="list-style-type: none"> Homeostasis The nervous system Hormonal coordination in humans Plant hormones <p>Required practical 7. Reaction time 8. Gravity on seedlings</p> <p>End of half term assessment</p>	<p>GCSE Biology <u>Topic 6 Inheritance</u></p> <ul style="list-style-type: none"> Reproduction Variation and evolution <p>Required practicals Completion practicals (if req'd)</p> <p>Mock exam</p>	<p>GCSE Biology <u>Topic 6 Inheritance(cont'd)</u></p> <ul style="list-style-type: none"> The development of understanding of genetics and evolution Classification of living organisms <p>Preparation for exams</p> <p>Required practicals Completion practicals (if req'd)</p>	<p>GCSE Biology <u>Topic 7 Ecology</u></p> <ul style="list-style-type: none"> Adaptations, interdependence and competition Organisation of an ecosystem Biodiversity Trophic levels in an ecosystem Food production <p>Preparation for exams Required practicals 9. Quadrats 10. Temperature and milk Completion practicals (if req'd)</p>	<p>GCSE Biology Preparation for exams</p> <p>Required practicals Completion practicals (if req'd)</p>	<p>GCSE Biology Preparation for exams</p>

In addition, some students will be following the AQA ENTRY LEVEL SCIENCE (which comprises Biology, Chemistry and Physics components)