

BIOLOGY – Year 11 2023-2024

Course Title: Biology	Exam Board:AQA	Specification Code:8461
<p>How will students be assessed? Students will sit two external exams at the end of Year 11. Each paper is worth 50% of their final GCSE grade. Both exams will be 1 hour and 45 minutes in length requiring students to answer multiple choice, structured, closed short answer and open response questions. Questions will be knowledge based as well as drawing on the practical work that students have completed throughout the course.</p> <p>Biology GCSE Paper 1: This will assess the topic areas of cell biology, organisation, infection and response and bioenergetics</p> <p>Biology GCSE Paper 2: This will assess the topic areas of homeostasis and response, inheritance, variation and evolution and ecology</p>		

KEY CONTENT
<p>Half Term 1 Genetics and inheritance Sexual and asexual reproduction Meiosis and Mitosis DNA and the genome, DNA structure and protein synthesis Genetic inheritance, inherited disorders Sex determination Assessment Reproduction</p>
<p>Half Term 2 Evolution Variation Evolution Selective breeding Genetic engineering Cloning Resistant bacteria Assessment on variation and evolution Assessment on classification and understanding MOCK Exam</p>
KEY CONTENT
<p>Half Term 3 Ecology Adaptation, interdependence and competition Organisation of ecosystems Assessment organisms and adaptation</p>

Assessment organisation of an ecosystem

Half Term 4

Biodiversity and the effect of human interaction on ecosystems

Trophic levels in an ecosystem

Food production

Assessment biodiversity and food

Half Term 5

Catch up time

Preparation for exams including practice of math, graph and practical skills

Half Term 6