

BIOLOGY

AQA Specification 7402 (2015)

COURSE OVERVIEW

- Biological molecules
- Cell biology
- Organisms exchange substances with their environment
- Genetic information, variation and relationships between organisms
- Energy transfers in and between organisms
- Organisms respond to change in their internal and external environment
- Genetics, populations, evolution and ecosystems
- The control of gene expression



HOW WILL I BE ASSESSED?

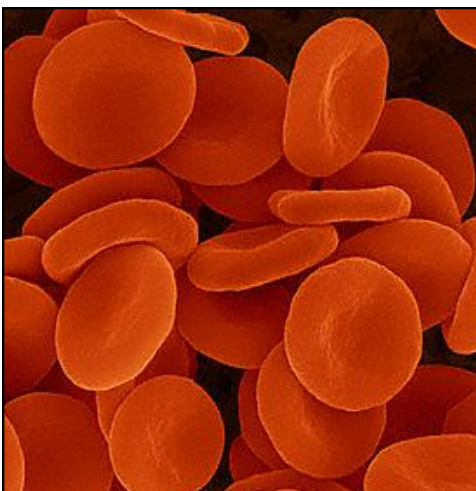
You will take 3 exams of 2 hours each at the end of Year 13. There are also 12 required practical assignments that you will have to pass throughout Years 12 and 13.

AQA	1	2	3
Length	2 hours	2 hours	2 hours
Weighting	35%	35%	30%

ENTRY REQUIREMENTS

Students should gain at least a Grade 6 in either Combined Science or Biology. In addition it is recommended that students have a sound working knowledge of GCSE Chemistry.

WHY STUDY THIS SUBJECT?



There has never been a more inspiring time to study Biology. Scientific advances have greatly improved the quality of life for the majority of people and the new specification demonstrates these cutting edge developments. The course is exciting, challenging and relevant for the modern world. Modern Biology is an enormous subject and starts to prepare students for careers including Medicine, Dentistry, Zoology, Genetic Engineering, Biochemistry, Psychology, Physiotherapy and Ecology. Lessons incorporate a wide variety of practical work and online activities to engage all of our learners to apply their understanding into real-world contexts.