



A-level Biology

The Biology course at LRGS is very popular, and students are taught by a team of experienced, knowledgeable and supportive teachers. Students are taught in well-equipped labs and carry out a lot of practical work. The students are entered in national subject competitions such as the Intermediate Biology and British Biology Olympiad where considerable success has been achieved. There is also the opportunity to enter competitions run by the Royal Society of Biology such as the Photography Competition, **BioArtAttack (2D) competition** and the NW regional Quiz. Sixth Formers are also strongly encouraged to enter numerous Essay Competitions facilitated by leading universities.

Linking with the Praesis ut prosis award, Sixth Form Biologists are expected to show leadership by coordinating activities within the department such as: Biology Club, Biology Art Club, Psychology Club, MedSoc, Biology Week, British Science Week and are encouraged to volunteer in their local communities

Students study in depth various topics including: Bio-molecules, cells, how organisms exchange substances with their environment and genetic information, variation and relationships between organisms. They also research how energy transfers in and between organisms, how organisms respond to changes in their internal and external

environments and genetics, populations, evolution and ecosystems.

What can Biology lead to?

A-level Biology is a requirement for university courses in medicine, dentistry, veterinary science, forensic science, environmental science, sport and physiology, conservation, genetics, zoology, food science and technology, laboratory work, environment and health and other medically related degrees. It also provides a useful background to a wide variety of higher education courses.

"I have just finished my degree and have graduated with a first in biology from Imperial College London. I owe a huge amount of this to your help and support throughout my time at LRGS in laying the foundations for me in biology and helping light that spark for me to continue to study it. Without it I really wouldn't have got anywhere near where I have." Former A-level student.

Exam board: AQA

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Lancaster Royal
Grammar School

State Day and Boarding School for Boys Aged 11 to 18
Coeducational Sixth Form



SIXTH FORM

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