

Biology



What our students say:

“The depth of the course and the studies of the human body were really rewarding, but as someone interested in a career in forensic science, this topic was particularly fascinating.”

Why this course is right for you:

Biology is about examining fundamental questions about the natural world and everything within it, including investigating how the human body works. If you are interested in how living beings function and came to be as they are, you should study biology.

Through learning about biological principles, you will appreciate how biologists approach problems and provide solutions with efficacy. A Level biology will develop the essential skills of investigating a problem with the aim of generating evidence from which valid conclusions can be drawn.

If you're interested in further study in genetics, medicine, nursing, environmental sciences, forensic science, zoology, veterinary science or ecology, biology is right for you.

What you need to know:

Exam Board: Edexcel Biology (Salters Nuffield)

Who to speak to: Mrs Ivey

Topics Covered:

Topic 1: Lifestyle, Health and Risk
 Topic 2: Genes and Health
 Topic 3: Voice of the Genome
 Topic 4: Biodiversity and Natural Resources
 Topic 5: On the Wild Side
 Topic 6: Immunity, Infection and Forensics
 Topic 7: Run for your Life
 Topic 8: Grey Matter

Assessment:

100% written examination in Year 13

Year 1:

Ongoing in-class assessment and mocks

Year 2:

Paper 1: The Natural Environment and Species Survival
 Paper 2: Energy, Exercise and Co-ordination
 Paper 3: General and Practical Applications in Biology

Entry Requirements:

Grade 6 in GCSE Biology or grade 6, 6 in Combined Science required
 Grade 7 in GCSE Biology or grades 7, 7 in Combined Science desired

Grade 6+ in GCSE Maths required Grade 7+ in GCSE maths desired

We recommend that students take A Level biology alongside A Level maths and/or chemistry and/physics

Co-curricular/trips:

We The Curious and Studland Bay