



**RICHARD
TAUNTON**
Sixth Form College



BIOLOGY

FAMOUSLY REFERRED TO AS THE SCIENCE OF LIFE, BIOLOGY IS A FASCINATING SUBJECT THAT CAN GIVE YOU A DEEPER UNDERSTANDING OF LIVING THINGS. THROUGHOUT YOUR STUDIES, YOU WILL BROADEN YOUR KNOWLEDGE OF THE MAJOR SYSTEMS OF THE HUMAN BODY, EXPLORE THE INTERACTIONS OF ORGANISMS IN THEIR ENVIRONMENT, AND LEARN ABOUT THE PRINCIPLES BEHIND EVOLUTION AND GENETICS.

TOPICS YOU'LL COVER

YEAR ONE

- Biological molecules
- Cell structure
- Exchange with the environment
- Genetic information, variation, and relationships between organisms.

YEAR TWO

- Energy transfers and metabolic activities
- Organism response to changes in environment
- Genetics, populations, evolution, and ecosystems.

ASSESSMENT

- 12 practicals across two years- leading to the practical endorsement
- 100% examination assessment, to be sat at the end of the second year- Three written exams- each 2 hours.

ENTRY REQUIREMENTS

Five GCSEs at grade 5 or above, including English Language and Science (Biology or double award) at grade 6 and Maths at grade 5.

PROGRESSION POSSIBILITIES

CAREERS: Doctor, paramedic, midwife, nurse, physiotherapist, environmentalist, and teacher.environmental scientist.

UNIVERSITY STUDY: Biology, Medicine, Pharmacology, Biochemistry, Physiotherapy, Veterinary Science, Nursing, Midwifery, Teaching.

SKILLS DEVELOPED

You will develop investigative skills and practical skills. You will also develop good independent study skills, maths and research skills, in addition to the subject content for the course.

ENRICHMENT OPPORTUNITIES

- Twilight Chemistry sessions at Southampton University
- Operating Theatre Live
- Industry Specialist Speakers
- Ecology fieldwork trips.

QUALIFICATION

A LEVEL

LEVEL

LEVEL 3

CURRENT EXAM BOARD

AQA

CURIOS ABOUT... BIOLOGY?



Read 'The Disappearing Spoon...and other true tales from the Periodic Table' by Sam Kean



Watch - Inner Life of the Cell (Full Version - Narrated) by Harvard University on Youtube

Disclaimer: Information in this course leaflet is for September 2021 entry and is accurate at time of printing. All information provided is subject to change and may be updated during the academic year. Courses offered by the College are subject to change and are reviewed on an annual basis.