THE WORTHGATE SCHOOL
CANTERBURY

COURSE DESCRIPTOR

UFP BIOLOGY

SUBJECT OVERVIEW

Studying UFP Biology aims develop your interest and enthusiasm for the subject, potentially inspiring you to study university courses and pursue careers with Biology at their core. You will develop a deeper understanding of how the different areas of Biology are related to each other, and how scientific investigations are carried out. You will develop skills linked to reasoning, critical thinking, research, presentations and being an independent learner, all of which are essential for university study and many professions.

PRIOR LEARNING REQUIRED

An interest in, and a desire to study, Biology is essential. Students who are willing to spend time studying on their own will do very well and will enjoy the course. We aim to instil a deep interest in the subject, which can be maintained in courses of further education and beyond.
GCSE or equivalent
IELTS 5.5 or equivalent

EXAM BOARD

CGS

COURSE CONTENT

Year 1
Module 1: Cell Biology

Module 2: Molecular Biology
Module 3: Exchange and Transport
Module 4: Disease
Module 5: Energy and Coordination
Module 6: Genetics and Evolution

ASSESSMENT

Formative assessment will take place approximately every six weeks, in the form of end of topic tests.
The final UFP grade is based on three exam papers, one in-class assessment, a Practical Exam and a coursework assignment. Most exams will take place in May and June, apart from Paper 1 which takes place in January. Coursework is completed during the first half of the course and provides students with the opportunity to carry out research on a topic of interest.

Paper	Length of paper	Weighting
Paper 1 Basics of Biology	20 marks 30 minutes Multiple-choice paper	7%
Paper 2 Beyond the Basics of Biology	30 marks 45 minutes Multiple-choice paper	13%
Paper 3	90 marks 2 hours 45 minutes Short-answer and long-answer questions	40%

Coursework	Description	Weighting
1	Poster and Presentation Students will create a poster on a title they have chosen from a selection, then present this to the rest of the class	15%
2	Practical Exam	20%
3	Skills Assessment	5%

TEXTBOOKS/REVISION GUIDES

Title	ISBN	Author

Advanced Biology for you	978-1408527351	Gareth Williams
OCR A level Biology	9781447990802	Sue Hocking, Frank Sochacki, Mark Winterbottom

Summaries of each unit, your notes and past examination papers will be your major source of revision. There are revision guides for both AS and A2. Kerboodle is a useful online resource. Revision guides and workbooks will be offered by your teacher at a discounted price.

HIGHER EDUCATION PATHWAYS

Biology opens a large range of career options; together with other sciences, it is important in technology, research, conservation, resource management, social work and professions associated with medicine (such as pharmacy) as well as many other occupations.

Previous students have studied:
University of Kent – Biomedical Science
University of Leeds – Sport Science and Physiology
University of Edinburgh – Biological Science (Genetics)

COMPLEMENTARY SUBJECTS OF STUDY

Chemistry, Psychology, Maths, Physics.

CURRICULUM DIRECTOR

Ms. Emma Lock