



INCOMPATIBLE SUBJECTS	NIL	DEPENDENT SUBJECTS	General English
PRE-REQUISITE SUBJECTS	Year 10 Introduction to Biology and Psychology - C Year 10 English - C	POTENTIAL QCE POINTS	4
COURSE DURATION	TWO YEARS	CONTRIBUTES TO ATAR	YES
FINANCIAL COMMITMENT	REFER TO SRS & SUBJECT FEE SCHEDULE	SUBJECT PATHWAY	GENERAL
COURSE REQUIREMENTS	<p>Textbook: Oxford QScience Biology Units 1 & 2 and Oxford QScience Biology Units 3 & 4</p> <p>Students will be required to participate in 1 X 5-hour field trip in Unit 3 in order to complete the required mandatory assessment.</p> <p>Classroom materials are provided through participation of the School Fees:</p>		

COURSE CONTENT

By the conclusion of the course of study, students will be able to describe and explain scientific concepts, theories, models and systems and their limitations. Students will analyse evidence, interpret evidence, investigate phenomena, evaluate processes, claims and conclusions and communicate understandings, findings, arguments and conclusions. In Units 3 and 4 students complete four summative assessments. The results from each of the assessments are added together to provide a subject score out of 100. Students also receive a grade from A-E via the school reporting framework.

UNIT 1	ASSESSMENT
Structure and function of cells – students will appreciate the processes vital for survival, they examine the structure of plant and animal systems.	Exam with data type questions Student Experiment Report
UNIT 2	ASSESSMENT
Maintaining the internal environment – students develop scientific skills and conceptual understanding in homeostasis and the immune system.	Research Assignment Exam
UNIT 3	ASSESSMENT
Biodiversity and the interconnectedness of life – the structure of ecosystems, the processes involved in the movement of energy and matter in ecosystems and how environmental factors limit populations.	IA1 Data Test (10%) IA2 Student Experiment Report (20%)
UNIT 4	ASSESSMENT
Heredity and continuity of life – how life on Earth persisted, changed and diversified of the last 3.5 billion years.	IA3 Research Assignment (20%) Combined unit 3 & 4 External Exam (50%)

CAREER PATHWAYS

Biology is a General subject suited to students who are interested in pathways beyond school that lead to tertiary studies, vocational education or work.

A course of study in Biology can establish a basis for further education and employment in the fields of Medicine; Forensics; Veterinary; Food and marine sciences; Agriculture; Biotechnology; Environmental rehabilitation; Biosecurity; Quarantine; Conservation and Sustainability

FIND OUT MORE

What is Biology?

<https://www.youtube.com/watch?v=oFtVDLFXKLA>