SCIENCE
Biology
Assessment Schedule 2019

Task Number	Task 1 Research	Task 2 AP3/skills	Task 3 Depth Study	Task 4 AP4	Weighting %
Date	Term 4 Week 7	Term 1 Weeks 9-11	Term 2 Week 6	Term 3 Weeks 3-5	
Outcomes Assessed in Skills in Working Scientifically	BIO11/12 4,5,6,7	BIO11/12 2,4,5,6,7	BIO11/12 1,2,3,4,5,6,7	BIO11/12 1,4,5,6,7	
Outcomes Assessed in Knowledge & Understanding	BIO12 12,13	BIO12 12,13	BIO12 14,15	BIO12 12,13,14,15	
Skills in Working Scientifically	10	15	20	10	55
Knowledge & Understanding	10	5	10	20	45
Total	**20**	**20**	**30**	**30**	**100**

Objectives and Outcomes - Students develop skills in the process of Working Scientifically

BIO11/12-1 Questioning and Predicting develops and evaluates questions and hypotheses for scientific investigation
BIO11/12-2 Planning investigations designs and evaluates investigations in order to obtain primary and secondary data and information
BIO11/12-3 Conducting investigations conducts investigations to collect valid and reliable primary and secondary data and information
BIO11/12-4 Processing data and information selects and processes appropriate qualitative and quantitative data and information using a range of appropriate media
BIO11/12-5 Analysing data and information analyses and evaluates primary and secondary data and information
BIO11/12-6 Problem solving solves scientific problems using primary and secondary data, critical thinking skills and scientific processes
BIO11/12-7 Communicating communicates scientific understanding using suitable language and terminology for a specific audience or purpose
Students develop knowledge and understanding of heredity and genetic technologies
BIO12-12 explains the structures of DNA and analyses the mechanisms of inheritance and how processes of reproduction ensure continuity of species
BIO12-13 explains natural genetic change and the use of genetic technologies to induce genetic change
Students develop knowledge and understanding of the effects of disease and disorders
BIO12-14 analyses infectious disease in terms of disruption to homeostatic mechanisms and the organism's response, including the human immune system
BIO12-15 explains non-infectious disease and disorders and a range of technologies and methods used to assist, control, prevent and treat non-infectious disease