SCIENCE
Biology 2 Unit
Preliminary Assessment Schedule 2019

Course Component	Task 1 AP1 (Practical skills)	Task 2 Depth Study	Task 3 AP2	Weighting %
	Term 2 Weeks 1-3	Term 2 / Term 3	Term 3 Weeks 8-9	
Skills in Working Scientifically	BIO11-1,2,3,4,5,6,7	BIO11-1,2,3,4,5, 6,7	BIO11-1,2,4,5,6,7	
Knowledge and Understanding	BIO11-8,9	BIO11-10,11	BIO11-8,9,10,11	
Skills in Working Scientifically	20	20	20	60
Knowledge and Understanding	5	15	20	40
Total Weighting	**25%**	**35%**	**40%**	**100**

Syllabus Outcomes

Students develop skills in the process 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 the structure and function of organisms
BIO11-8 describes single cells as the basis for all life by analysing and explaining cells' ultrastructure and biochemical processes
BIO11-9 explains the structure and function of multicellular organisms and describes how the coordinated activities of cells, tissues and organs contribute to macroscopic processes in organisms

Students develop knowledge and understanding of the Earth's biodiversity and the effect of evolution
BIO11-10 describes biological diversity by explaining the relationships between a range of organisms in terms of specialisation for selected habitats and evolution of species
BIO11-11 analyses ecosystem dynamics and the interrelationships of organisms within the ecosystem