

**Earth & Environmental Science
Assessment Schedule 2019**

Task Number	Task 1 Research	Task 2 AP3	Task 3 Depth Study	Task 4 AP4	Weighting %
Date	Term 4 Week 8	Term 1 Weeks 9-11	Term 2 Week 5	Term 3 Weeks 3-5	
Outcomes Assessed in Skills in Working Scientifically	EES11/12 1,2,4,5,6,7	EES11/12 1,2,4,5,6,7	EES11/12 1,2,3,4,5,7	EES11/12 1,2,4,5,6,7	
Outcomes Assessed in Knowledge & Understanding	EES12 12	EES12 12,13	EES12 14	EES12 12,13,14,15	
Skills in Working Scientifically	5	15	30	10	60
Knowledge & Understanding	5	5	10	20	40
Total	10	20	40	30	100

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

EES11/12-1 Questioning and Predicting develops and evaluates questions and hypotheses for scientific investigation

EES11/12-2 Planning investigations designs and evaluates investigations in order to obtain primary and secondary data and information

EES11/12-3 Conducting investigations conducts investigations to collect valid and reliable primary and secondary data and information

EES11/12-4 Processing data and information selects and processes appropriate qualitative and quantitative data and information using a range of appropriate media

EES11/12-5 Analysing data and information analyses and evaluates primary and secondary data and information

EES11/12-6 Problem solving solves scientific problems using primary and secondary data, critical thinking skills and scientific processes

EES11/12-7 Communicating communicates scientific understanding using suitable language and terminology for a specific audience or purpose

Students develop knowledge and understanding of the evolving Earth

EES12-12 describes and evaluates the models that show the structure and development of the Earth over its history

EES12-13 describes and evaluates the causes of the Earth's hazards and the ways in which they affect, and are affected by, the Earth's systems

Students develop knowledge and understanding of the impacts of living on the Earth

EES12-14 analyses the natural processes and human influences on the Earth, including the scientific evidence for changes in climate

EES12-15 describes and assesses renewable and non-renewable Earth resources and how their extraction, use, consumption and disposal affect the Earth's systems