



Gorokan High School

Year 12 Assessment Schedule 2023-2024

Science Extension

Task number	Task 1	Task 2	Task 3		
Name of Task	Annotated Bibliography	Statistical Case Study	Scientific Research Report		
Timing	Term 4, Week 11	Term 1, Week 2	Term 3, Week 8		
Outcomes assessed	SE-2,3,5,7	SE-4,5,7	SE-1,2,3,4,5,6,7		
Components	Task Weighting %				
Skills in Working Scientifically	20	15	25		60
Knowledge and understanding	10	15	15		40
Total %	30	30	40		100

Course Outcomes:

Knowledge, Understanding and Skills:

SE-1 refines and applies the Working Scientifically processes in relation to scientific research

SE-2 analyses historic and cultural observations, ethical considerations and philosophical arguments involved in the development of scientific knowledge and scientific methods of inquiry

SE-3 interrogates relevant and valid peer-reviewed scientific research to develop a scientific research question, hypothesis, proposal and plan

SE-4 uses statistical applications, mathematical processes and/or modelling to gather, process, analyse and represent reliable and valid datasets

SE-5 analyses and applies the processes used in reliable and valid scientific research to solve complex scientific problems and inform further research

SE-6 analyses and reports on a contemporary issue or an application of science informed by either primary or secondary-sourced data, or both, in relation to relevant publicly available data sets

SE-7 communicates analysis of an argument or conclusion incorporating appropriate scientific language and referencing techniques in a scientific report