



# Gorokan High School

## Year 10 Assessment Schedule 2023

### Science

Task number	Task 1	Task 2	Task 3	Task 4	
<b>Name of Task</b>	Student Research Project	Half Yearly Examination	Research Task	Yearly Examination	
<b>Task Due</b>	Term 1, Week 9	Term 2, Week 8	Term 3, Week 8	Term 4- Examination Period	
<b>Outcomes assessed</b>	SC5-4WS, 5WS, 7WS, 9WS	SC5-5WS, 6WS, 11PW, 17CW	SC5-5WS, 6WS, 15LW	SC5-4WS, 7WS, 8WS, 10-11PW, 14-15LW, 16-17CW	
<b>Components</b>	<b>Task Weighting %</b>				
Knowledge and Understanding	10	10	10	20	50
Skills – Working Scientifically	15	15	15	5	50
<b>Total %</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>100</b>

## Course Outcomes:

SC5-4WS	develops questions or hypotheses to be investigated scientifically
SC5-5WS	produces a plan to investigate identified questions, hypotheses or problems, individually and collaboratively
SC5-6WS	undertakes first-hand investigations to collect valid and reliable data and information, individually and collaboratively
SC5-7WS	processes, analyses and evaluates data from first-hand investigations and secondary sources to develop evidence-based arguments and conclusions
SC5-8WS	applies scientific understanding and critical thinking skills to suggest possible solutions to identified problems
SC5-9WS	presents science ideas and evidence for a particular purpose and to a specific audience, using appropriate scientific language, conventions and representations
SC5-10PW	applies models, theories and laws to explain situations involving energy, force and motion
SC5-11PW	explains how scientific understanding about energy conservation, transfers and transformations is applied in systems
SC5-12ES	describes changing ideas about the structure of the Earth and the universe to illustrate how models, theories and laws are refined over time by the scientific community
SC5-13ES	explains how scientific knowledge about global patterns of geological activity and interactions involving global systems can be used to inform decisions related to contemporary issues
SC5-14LW	analyses interactions between components and processes within biological systems
SC5-15LW	explains how biological understanding has advanced through scientific discoveries, technological developments and the needs of society
SC5-16CW	explains how models, theories and laws about matter have been refined as new scientific evidence becomes available
SC5-17CW	discusses the importance of chemical reactions in the production of a range of substances, and the influence of society on the development of new materials