



**Gorokan High School**  
**Year 10 Assessment Schedule 2024**  
*Science*

<b>Task number</b>	<b>Task 1</b>	<b>Task 2</b>	<b>Task 3</b>	
<b>Name of Task</b>	Student Research Project	Research Task	Yearly Examination	
<b>Task Due</b>	Term 1, Week 9	Term 3, Week 4	Term 4, Examination Period	
<b>Outcomes assessed</b>	SC5- 5WS, 7WS, 9WS	SC5-7WS, 9WS, 3VA	SC5-4WS, 7WS, 8WS, 10-11PW, 14-15LW, 16-17CW.	
<b>Components</b>	<b>Task Weighting %</b>			
Knowledge and Understanding	10	15	25	<b>50</b>
Skills – Working Scientifically	25	15	10	<b>50</b>
<b>Total %</b>	<b>35</b>	<b>30</b>	<b>35</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