



Gorokan High School
Year 10 Assessment Schedule 2025
Science

| Task number | Task 1 | Task 2 | Task 3 | |
|---------------------------------|--------------------------|-------------------|---|------------|
| Name of Task | Student Research Project | Research Task | Yearly Examination | |
| Task Due | Term 1, Week 9 | Term 3, Week 4 | Term 4, Examination Period | |
| Outcomes assessed | SC5- 5WS, 7WS, 9WS | SC5-7WS, 9WS, 3VA | SC5-4WS, 7WS, 8WS, 10-11PW, 14-15LW, 16-17CW. | |
| Components | Task Weighting % | | | |
| Knowledge and Understanding | 10 | 15 | 25 | 50 |
| Skills – Working Scientifically | 25 | 15 | 10 | 50 |
| Total % | 35 | 30 | 35 | 100 |

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