



Gorokan High School

Year 12 Assessment Schedule 2023-2024

Investigating Science

| Task number | Task 1 | Task 2 | Task 3 | Task 4 | |
|----------------------------------|------------------------------------|----------------------------------|----------------------------------|---|-------------------------|
| Name of Task | In Class Practical Task | Secondary Source Research Task | Depth Study Submission | Trial HSC Examination | |
| Timing | Term 4, Week 9 | Term 1, Week 7 | Term 3, Week 1 | Examination Period | |
| Outcomes assessed | INS11/12-1, 2, 3, 5, 7 INS12-12 | INS11/12-1, 2, 4, 5 INS 12-13 | INS11/12-1, 5, 6, 7 INS 12-14 | INS11/12-1, 2, 3, 4, 5, 6, 7 INS12-12,13,14,15 | |
| Components | | | | | Task Weighting % |
| Skills in Working Scientifically | 15 | 15 | 20 | 10 | 60 |
| Knowledge and understanding | 5 | 5 | 10 | 20 | 40 |
| Total % | 20 | 20 | 30 | 30 | 100 |

Course Outcomes:

Skills:

INS11/12-1 develops and evaluates questions and hypotheses for scientific investigation

INS11/12-2 designs and evaluates investigations in order to obtain primary and secondary data and information

INS11/12-3 conducts investigations to collect valid and reliable primary and secondary data and information

INS11/12-4 selects and processes appropriate qualitative and quantitative data and information using a range of appropriate media

INS11/12-5 analyses and evaluates primary and secondary data and information

INS11/12-6 solves scientific problems using primary and secondary data, critical thinking skills and scientific processes

INS11/12-7 communicates scientific understanding using suitable language and terminology for a specific audience or purpose

Knowledge and Understanding:

INS12-12 develops and evaluates the process of undertaking scientific investigations

INS12-13 describes and explains how science drives the development of technologies

INS12-14 uses evidence-based analysis in a scientific investigation to support or refute a hypothesis

INS12-15 evaluates the implications of ethical, social, economic and political influences on science