



Gorokan High School

Year 8 Assessment Schedule 2023

Science

Task number	Task 1	Task 2	Task 3	
Name of Task	Student Research Project	Research Task	Final Examination	
Task Due	Term 1, Week 10	Term 3, Week 8	Term 4, Week 8	
Outcomes assessed	SC4 - 5WS, 7WS, 9WS	SC4- 2VA, 3VA, 7WS, 9WS, 15LW	SC4-4WS, 7WS, 8WS, 11PW 15LW, 17CW	
Components	Task Weighting %			
Knowledge and Understanding	15	10	25	50
Skills – Working Scientifically	20	20	10	50
Total %	35	30	35	100

Course Outcomes:

SC4-1VA appreciates the importance of science in their lives and the role of scientific inquiry in increasing understanding of the world around them

SC4-2VA shows a willingness to engage in finding solutions to science-related personal, social and global issues, including shaping sustainable futures

SC4-3VA demonstrates confidence in making reasoned, evidence-based decisions about the current and future use and influence of science and technology, including ethical consideration

SC4-4WS identifies questions and problems that can be tested or researched and makes predictions based on scientific knowledge

SC4-5WS collaboratively and individually produces a plan to investigate questions and problems

SC4-6WS follows a sequence of instructions to safely undertake a range of investigation types, collaboratively and individually

SC4-7WS processes and analyses data from a first-hand investigation and secondary sources to identify trends, patterns and relationships, and draw conclusions

SC4-8WS selects and uses appropriate strategies, understanding and skills to produce creative and plausible solutions to identified problems

SC4-9WS presents science ideas, findings and information to a given audience using appropriate scientific language, text types and representations

SC4-10PW describes the action of unbalanced forces in everyday situations

SC4-11PW discusses how scientific understanding and technological developments have contributed to finding solutions to problems involving energy transfers and transformations

SC4-12ES describes the dynamic nature of models, theories and laws in developing scientific understanding of the Earth and solar system

SC4-13ES explains how advances in scientific understanding of processes that occur within and on the Earth, influence the choices people make about resource use and management

SC4-14LW relates the structure and function of living things to their classification, survival and reproduction

SC4-15LW explains how new biological evidence changes people's understanding of the world

SC4-16CW describes the observed properties and behaviour of matter, using scientific models and theories about the motion and arrangement of particles

SC4-17CW explains how scientific understanding of, and discoveries about the properties of elements, compounds and mixtures relate to their uses in everyday life