



# Gorokan High School

## Year 8 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	Final Examination	
<b>Task Due</b>	Term 1, Week 10	Term 2, Week 8	Term 3, Week 8	Term 4, Week 8	
<b>Outcomes assessed</b>	SC4 - 5WS, 7WS, 9WS	SC4-5WS, 6WS, 8WS, 11PW, 17CW	SC4- 2VA, 3VA, 7WS, 9WS, 15LW	SC4-4WS, 7WS, 8WS, 11PW 15LW, 17CW	
<b>Components</b>					<b>Task Weighting %</b>
Knowledge and Understanding	10	10	10	20	<b>50</b>
Skills – Working Scientifically	15	15	15	5	<b>50</b>
<b>Total %</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>100</b>

## 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