



Gorokan High School

9X Elective Assessment Schedule 2025

STEM

Task number	Task 1	Task 2	Task 3	
Name of Task	Practical Task	Research Task	Research Task	
Task Due	Term 1, Week 8	Term 2, Week 2	Term 4, Week 2	
Outcomes assessed	5.5.1 to 5.5.2	5.6.1 to 5.6.2	5.8.1	
Components	Task Weighting %			
Knowledge and Understanding	15	20	15	50
Skills – Working Scientifically	20	10	20	50
Total %	35	30	35	100

Course Outcomes:

- 5.1.1 develops ideas and explores solutions to STEM based problems
- 5.1.2 demonstrated initiative, entrepreneurship, resilience and cognitive flexibility through the completion of practical STEM based activities

- 5.2.1 describe how scientific and mechanical concepts relate to technological and engineering practice
- 5.2.2 applies cognitive processes to address real world STEM based problems in a variety of contexts

- 5.3.1 applies a knowledge and understanding of STEM principles and processes
- 5.3.2 identifies and uses a range of technologies in the development of solutions to STEM based problems

- 5.4.1 plans and manages projects using an iterative and collaborative design process
- 5.4.2 develops skills in using mathematical, scientific and graphical methods whilst working as a team

- 5.5.1 applies a range of communication techniques in the presentation of research and design solutions
- 5.5.2 critically evaluates innovative, enterprising and creative solutions

- 5.6.1 selects and uses appropriate problem solving and decision making techniques in a range of STEM contexts
- 5.6.2 will work individually or in teams to solve problems in STEM contexts

- 5.7.1 demonstrates an appreciation of the value of STEM in the world in which they live

- 5.8.1 understands the importance of working collaboratively, cooperatively and respectfully in the completion of STEM activities