



Gorokan High School
Year 12 Assessment Schedule 2022-2023

Mathematics Standard 1

Task number	Task 1	Task 2	Task 3	Task 4	
Name of task	Assignment	In Class Test with Summary Sheet	In-Class Data Assignment	Trial HSC Examination	
Timing	Term 4, Week 10	Term 1, Week 7	Term 2, Week 9	Examination Period	
Outcomes assessed	MS1-12-5 MS1-12-9 MS1-12-10	MS1-12-1 MS1-12-5 MS1-12-6 MS1-12-9 MS1-12-10	MS1-12-2 MS1-12-7 MS1-12-9 MS1-12-10	MS1-12-1 to MS1-12-10	
Components					Task Weighting %
Mathematical concepts, skills and techniques	10	10	15	15	50
Reasoning and communication	10	15	10	15	50
Total %	20	25	25	30	100

Course Outcomes:

- ME12-1** applies techniques involving proof or calculus to model and solve problems
- ME12-2** applies concepts and techniques involving vectors and projectiles to solve problems
- ME12-3** applies advanced concepts and techniques in simplifying expressions involving compound angles and solving trigonometric equations
- ME12-4** uses calculus in the solution of applied problems, including differential equations and volumes of solids of revolution
- ME12-5** applies appropriate statistical processes to present, analyse and interpret data
- ME12-6** chooses and uses appropriate technology to solve problems in a range of contexts
- ME12-7** evaluates and justifies conclusions, communicating a position clearly in appropriate mathematical forms