



**Gorokan High School**  
**Year 12 Assessment Schedule 2022-2023**

*Mathematics Standard 2*

Task number	Task 1	Task 2	Task 3	Task 4	
<b>Name of task</b>	Assignment	In Class Test with Summary Sheet	Student Devised Unit Plan	Trial HSC Examination	
<b>Timing</b>	Term 4, Week 10	Term 1, Week 7	Term 2, Week 5	Examination Period	
<b>Outcomes assessed</b>	MS2-12-5 MS2-12-6 MS2-12-9 MS2-12-10	MS2-12-5 MS2-12-6 MS2-12-8 MS2-12-9 MS2-12-10	MS2-12-1 to MS2-12-10  Dependent on Student	MS2-12-1 to MS2-12-10	
Components	Task Weighting %				
Mathematical concepts, skills and techniques	10	10	15	15	<b>50</b>
Reasoning and communication	10	15	10	15	<b>50</b>
<b>Total %</b>	<b>20</b>	<b>25</b>	<b>25</b>	<b>30</b>	<b>100</b>

## 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