



Gorokan High School

Year 12 Assessment Schedule 2023-2024

Mathematics Extension 2

Task Number	Task 1	Task 2	Task 3	Task 4	
Name of Task	Investigative Assignment	In Class Test	Question Bank then In-class Test	Trial HSC Examination	
Timing	Term 1, Week 4	Term 1, Week 7	Term 2, Week 8	Examination Period	
Outcomes Assessed	MEX12-1 to MEX12-5 Various due student elected topic area	MEX12-1 to MEX12-3	MEX12-1 to MEX12-5	MEX12-1 to MEX12-8	
Components	Task Weighting %				
Concepts, skills and techniques	10	10	15	15	50
Reasoning and Communication	10	15	10	15	50
Total %	20	25	25	30	100

Outcomes:

MEX12-1 understands and uses different representations of numbers and functions to model, prove results and find solutions to problems in a variety of contexts

MEX12-2 chooses appropriate strategies to construct arguments and proofs in both practical and abstract settings

MEX12-3 uses vectors to model and solve problems in two and three dimensions

MEX12-4 uses the relationship between algebraic and geometric representations of complex numbers and complex number techniques to prove results, model and solve problems

MEX12-5 applies techniques of integration to structured and unstructured problems

MEX12-6 uses mechanics to model and solve practical problems

MEX12-7 applies various mathematical techniques and concepts to model and solve structured, unstructured and multi-step problems

MEX12-8 communicates and justifies abstract ideas and relationships using appropriate language, notation and logical argument