



Gorokan High School

Year 12 Assessment Schedule 2023-2024

Mathematics Advanced

Task number	Task 1	Task 2	Task 3	Task 4	
Name of Task	In Class Test	Investigative Assignment	Question Bank and Test from Question Bank	Trial HSC Examination	
Timing	Term 1, Week 2	Term 2, Week 2	Term 2, Week 9	Examination Period	
Outcomes assessed	MA12-1, MA12-2, MA12-4, MA12-9, MA12-10	MA12-3, MA-12-6, MA-12-9, MA12-10	MA12-1 to MA12.-10	MA12-1 to MA12.-10	
Components	Task Weighting %				
Understanding, fluency and communication	10	10	15	15	50
Problem-solving, reasoning and justification	15	10	10	15	50
Total %	25	20	25	30	100

Course Outcomes:

MA12-1 uses detailed algebraic and graphical techniques to critically construct, model and evaluate arguments in a range of familiar and unfamiliar contexts

MA12-2 models and solves problems and makes informed decisions about financial situations using mathematical reasoning and techniques

MA12-3 applies calculus techniques to model and solve problems

MA12-4 applies the concepts and techniques of arithmetic and geometric sequences and series in the solution of problems

MA12-5 applies the concepts and techniques of periodic functions in the solution of problems involving trigonometric graphs

MA12-6 applies appropriate differentiation methods to solve problems

MA12-7 applies the concepts and techniques of indefinite and definite integrals in the solution of problems

MA12-8 solves problems using appropriate statistical processes

MA12-9 chooses and uses appropriate technology effectively in a range of contexts, models and applies critical thinking to recognise appropriate times for such use

MA12-10 constructs arguments to prove and justify results and provides reasoning to support conclusions which are appropriate to the context