



Gorokan High School

Year 12 Assessment Schedule 2025-2026

Mathematics Advanced

Task number	Task 1	Task 2	Task 3	Task 4	
Name of Task	In-Class Test	Investigative Task	Question Bank and Test from Question Bank	Trial HSC Examination	
Timing	Term 4, Week 7	Term 1, Week 4	Term 2, Week 10	Examination Period	
Outcomes assessed	MA12-1, MA12-2, MA12-4, MA12-9, MA12-10	MA12-1, MA-12-5, 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	10	15	10	15	50
Total %	20	25	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