



Gorokan High School
Year 11 Assessment Schedule 2024
Mathematics Advanced

Task number	Task 1	Task 2	Task 3	
Name of Task	In class test with summary notes	Research Assignment	Yearly Examination	
Task Due	Term 1, Week 9	Term 2, Week 9	Term 3, Weeks 9-10	
Outcomes assessed	MA11-1, MA11-2, MA11-8, MA11-9	MA11-1, MA11-3, MA11-4, MA11-7, MA11-8, MA11-9	All Outcomes	
Components				Task Weighting %
Understanding, fluency and communication	17.5	12.5	20	50
Problem solving, reasoning and justification	17.5	12.5	20	50
	35	25	40	100

Course Outcomes:

MA11-1 uses algebraic and graphical techniques to solve, and where appropriate, compare alternative solutions to problems

MA11-2 uses the concepts of functions and relations to model, analyse and solve practical problems

MA11-3 uses the concepts and techniques of trigonometry in the solution of equations and problems involving geometric shapes

MA11-4 uses the concepts and techniques of periodic functions in the solutions of trigonometric equations or proof of trigonometric identities

MA11-5 interprets the meaning of the derivative, determines the derivative of functions and applies these to solve simple practical problems

MA11-6 manipulates and solves expressions using the logarithmic and index laws, and uses logarithms and exponential functions to solve practical problems

MA11-7 uses concepts and techniques from probability to present and interpret data and solve problems in a variety of contexts, including the use of probability distributions

MA11-8 uses appropriate technology to investigate, organise, model and interpret information in a range of contexts

MA11-9 provides reasoning to support conclusions which are appropriate to the context