



Gorokan High School
Year 11 Assessment Schedule 2024
Mathematics Extension 1

Task number	Task 1	Task 2	Task 3	
Name of Task	In-class test with summary sheet	Research Assignment	Yearly Examination	
Task Due	Term 1, Week 8	Term 2, Week 9	Term 3, Weeks 9-10	
Outcomes assessed	ME11-1, ME11-2, ME11-5, ME11-6, ME11-7	ME11-1, ME11-2, ME11-6, ME11-7	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
Total %	35	25	40	100

Course Outcomes:

ME11-1 uses algebraic and graphical concepts in the modelling and solving of problems involving functions and their inverses

ME11-2 manipulates algebraic expressions and graphical functions to solve problems

ME11-3 applies concepts and techniques of inverse trigonometric functions and simplifying expressions involving compound angles in the solution of problems

ME11-4 applies understanding of the concept of a derivative in the solution of problems, including rates of change, exponential growth and decay and related rates of change

ME11-5 uses concepts of permutations and combinations to solve problems involving counting or ordering

ME11-6 uses appropriate technology to investigate, organise and interpret information to solve problems in a range of contexts

ME11-7 communicates making comprehensive use of mathematical language, notation, diagrams and graphs