



Year 12 Mathematics Specialist Units 3 and 4 Assessment Outline

Assessment weightings	Tasks	Week	Task weighting	Task content descriptions
Unit 3				
Response 20%	Test 1A: Complex numbers	Wk 9 term 4 2017	4%	Remainder & factor theorem Complex numbers polar form.
	Test 1B: Complex numbers, functions	Wk 3 term 1	6%	Remainder & factor theorem Complex numbers polar form. Function-composition/inverse.
	Test 2: Functions, vectors.	Wk 2 term 2	10%	Functions-rational, absolute value. Vectors 2D & 3D.
Investigation 14%	Investigation 1: Radian measure.	Wk 4 term1	7%	Limits, radian measure, problem solving.
	Investigation 2: Hyperbolic functions.	Wk 9 term1	7%	Algebra and calculus of hyperbolic functions.
Examination 15%	Examination 1	Wk 5/6 term 2	15%	Unit 3 content
	Semester 1 total		49%	
Unit 4				
Response 20%	Test 3: Calculus	Wk 2 term 3	10%	Differentiation & Integration.
	Test 4: Calculus applications and sampling.	Wk 7 term 3	10%	Differential equations, SHM and sampling.
Investigation 6%	Investigation 3: Integration techniques.	Wk 3 term 3	6%	Partial fractions and Integration.
Examination 25%	Examination 2	Wk 10 Term 3	25%	Unit 3 and 4 content
	Semester 2 total		51%	
	Year total		100%	