Assessment outline: Mathematics Specialist Units 1 & 2: 2023
Note: This outline is subject to change!
Times of assessments may vary with notice.

	ASSESSMENT	TIME	WEIGHTING
Investigations 20%	**Investigation 1**	**Wk. 8 (Term 1) Tues in class 2023**	**10%**
	Investigation 2	**Wk.5 (Term 3) Fri p1 2023**	**10%**
Response 40%	**Test 1: The Nature of Proof (Part 1)** ▪ **Proofs involving numbers** ▪ **Rational and irrational numbers** **1.1.1-1.1.5, 2.3.1-2.3.3**	**Wk. 4 (Term 1) Fri p1 2023**	**13%**
	Test 2: Combinatorics and Vectors ▪ **Permutations & combinations** ▪ **Representing vectors** ▪ **Algebra of vectors in the plane** ▪ **Scalar product** ▪ **Geometric vectors in the plane** **1.1.16-1.1.18, 1.2.1-1.2.9, 1.3.1-1.3.14**	**Wk.3 (Term 2) Fri p1 2023**	**13%**
	Test 3: Induction, Matrices, Transformations and Trigonometry ▪ **Proof by induction** ▪ **Matrix arithmetic and algebra** ▪ **Transformations in the plane** ▪ **The determinant of a matrix** ▪ **The basic trigonometric functions** ▪ **Trigonometric identities** **2.3.4-2.3.6, 2.2.1-2.2.11, 2.1.1-2.1.9**	**Wk.10 (Term 3) Fri p1 2023**	**14%**
Exams 40%	**Semester One Exam** ▪ The nature of proof (Part 1) ▪ Combinatorics ▪ Vectors ▪ Circle geometry	**Wk.5-6 (Term 2) 2023**	18%
	Semester Two Exam ▪ The nature of proof (Parts 1&2) ▪ Combinatorics ▪ Vectors ▪ Circle Geometry ▪ Trigonometry ▪ Matrices and Transformations ▪ Complex Numbers	**Wk.3-4 (Term 4) 2023**	22%
		TOTAL	**100%**

Parent and Student Declaration:
I have read the above assessment schedule and understand the requirements of the course.

Student's Signature _____ Date _____

Parent's Signature _____ Date _____