Figure 4 – Unmarked rubric

Quality Criteria								
						2.2.4 tests limits and constraints of the solution	3.1.4 proves relationship	Students at this level are able to consider alternatives to the solution and prove solutions.
	1.1.3 models mathematics to generalise			1.4.3 explains how mathematical techniques were determined	2.1.4 verifies solution using alternative technique	2.2.3 verifies solution against the problem	3.1.3 generalises relationship algebraically	Students at this level are able to generalise using mathematical models and verify the solution.
	1.1.2 rearranges mathematics to communicate relationships / properties	1.2.3 enhances understanding of methods used with mathematical vocabulary and notation	1.3.3 communicates interpretations of diagrams through annotations	1.4.2 links all sections of work with terminology / notation / labels	2.1.3 explains how the mathematical techniques solved the problem	2.2.2 checks possible solutions against the problem	3..1.2 describes the relationship	Students at this level are able to articulate their approach to the problem and demonstrate that their solution makes sense when checked against the original problem and constraints.
		1.2.2 communicates mathematics with algebraic notation	1.3.2 labels diagram	1.4.1 orders work to connect ideas	2.1.2 determines solution from mathematical techniques	2.2.1 makes a judgement	3.1.1 extends the relationship with examples	Students at this level are able to apply and explain mathematical techniques to describe a relationship and make a judgement for a solution
	1.1.1 Restates mathematics in problem	1.2.1 uses mathematical vocabulary	1.3.1 draws diagram		2.1.1 uses mathematical techinique/s			Students at this level can identify and write/draw the mathematics presented in the problem.
Insufficient evidence	**Insufficient evidence**	**Insufficient evidence**	**Insufficient evidence**	**Insufficient evidence**	**Insufficient evidence**	**Insufficient evidence**	**Insufficient evidence**	**Insufficient evidence**
Indicators	**1.1 communicates mathematical ideas**	**1.2 uses mathematical language**	**1.3 uses diagrams**	**1.4 connects mathematical ideas**	**2.1 applies mathematical techniques to solve problem**	**2.2 evaluates problem**	**3.1 represents relationships**	**Level Statements**
Capabilities	**1. communicates and connects mathematical ideas using mathematical terminology, diagrams and symbols**				**2. applies appropriate mathematical techniques to solve problems**		**3. explains mathematical relationships**	**Thread that links level statements - working mathematically through communication, techniques to solve problems using mathematical relationships and reasoning.**