

South Australian Maths Talent Quest (SAMTQ) Rubric

		5 Exceeds expectations of student's learning level	4	3 Evident and appropriate to learning level	2	1	0 Not evident	Marks awarded
Choice of topic	1 Provides an appropriate aim. Outlines what is to be investigated and/or describes a hypothesis to be investigated.							/3
	2. Explains how and why the topic was chosen and describes the approach to the investigation.							/3
Investigative processes	3 Describes how the mathematical strategies and content have been used to achieve the results.							/5
Communication of findings	4 Analyses the findings and reports these appropriately.							/5
	5 Writes a conclusion that discusses the key findings of the investigation.							/5
	6 Reflects on the mathematical learning achieved from the investigation.							/2
	7 Communicates the investigations and findings appropriately in a manner that is fluent and easy to follow.							/5
Mathematical processes	8 Uses mathematical terms and symbols correctly.							/5
	9 Displays the use of mathematical skills and thinking appropriately.							/5
	10 Analyses mathematical connections appropriately within the investigation.							/2
Creativity	11 Uses critical and creative thinking to explore the mathematics within the investigation.							/5
Acknowledgement	12 Acknowledges resources used, including reference materials and assistance from other people.							/3
Evidence	13 Detailed evidence of work (such as draft, working and/or notes) has been provided ensuring the investigation is a true representation of student learning and understanding							/2
Total (50 marks)								

