

Year 10 Quantum Computing Algorithm Design Rubric

Strand	Capability	Elaboration	4 Above Expected	3 At Expected	2 Below Expected	1 Not Evidenced
Science Inquiry Skills	Questioning and Predicting ACSIS198	The student: Formulates questions that can be investigated within the scope of the classroom or field with available resources. Develops ideas from students own or others' investigations and experiences to investigate further.				
	Planning and Conducting ACSIS199	The student: Decides how much data is needed to produce reliable measurements. Considers possible confounding variables or effects and ensures these are controlled.				
	Processing and analysing data and information ACSIS203	The student: Uses technology to present data in tables or graphical forms and were appropriate to carry out mathematical analyses on data. Analyses patterns and trends in data, including describing relationships between variables and identifying inconsistencies				
	Processing and analysing data and information ACSIS204	The student: Uses primary or secondary scientific evidence to support or refute a conclusion. Constructs a scientific argument showing how their evidence supports their claim				
	Evaluating ACSIS205	The student: Evaluates conclusions, including identifying sources of uncertainty and possible alternative explanations Describes specific ways to improve the quality of the data				
	Communicating ACSIS208	The Student Communicate scientific ideas and information for a particular purpose, including constructing evidence based arguments and using appropriate scientific language, conventions & representations				
Total Score / 24	Comments					