

COMPARE AND CONTRAST QUANTUM COMPUTER DESIGNS

Groups must conduct further research into the two quantum computer designs (quantum-gate and quantum-annealing) that are currently being used by scientists at D-Wave and the Australian research centre for quantum computing. Students must compare and contrast the two designs, in terms of their functionality, types of problems that they can solve, key quantum principles involved and physical design features.

Students must present their findings in the form of an A4 ‘Compare and Contrast’ Poster. See **Compare and Contrast Templates** below:

Title: e.g. Quantum Computer Designs

Category	D-Wave II Design	Quantum Gate Design	Common to both designs
Functionality			

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