

2018 Physics – ATAR Year 11

Unit 1 and Unit 2

Assessment type	Assessment type weighting	Assessment task weighting	When	Assessment task
Science inquiry	30%	5%	Semester 1 Week 5	Task 1: Investigation Motion investigation on transport and road safety
		5%	Semester 1 Week	Task 2: Evaluation and analysis Design an energy efficient building
		5%	Semester 1 Week	Task 4: Evaluation and analysis Respond to scientific article on use of nuclear technology – in-class questions
		5%	Semester 1 Week	Task 6: Experiment Determine the specific heat capacity of a mystery metal thereby identifying it – practical skills test
		2.5%	Semester 2 Week	Task 9: Investigation Design an investigation to determine resistance of an unknown resistor in a series and parallel circuit.
		5%	Semester 2 Week	Task 11: Experiment Resonance in closed pipes
		2.5%	Semester 2 Week	Task 13: Investigation Domestic electrical power and safety investigation
Test	30%	5%	Semester 1 Week	Task 3: Heat test
		5%	Semester 1 Week	Task 5: Nuclear energy test
		5%	Semester 1 Week	Task 7: Electricity test
		9%	Semester 2 Week	Task 10: Motion test
		6%	Semester 2 Week	Task 12: Waves test
Examination	40%	15%	Semester 1 Examination week	Task 8: Semester 1 examination – on Unit 1 content
		25%	Semester 2 Examination week	Task 14: Semester 2 examination – on Unit 1 and 2 content
Total	100%	100%		