

# Learning and Assessment Overview



**MALANDA**  
STATE HIGH SCHOOL

Year 11

Physics

Unit #1		Topics	Start/Length	Topics/Concepts/Skills/Inquiry	Assessment	Checkpoints	Due Date
Unit #1		1. Heating processes 2. Ionising radiation and nuclear reactions 3. Electrical circuits	Start: Term 1, Week 1  End: Term 2, Week 7	Unit 1 includes the following subject matter: Kinetic particle model and heat flow; temperature and specific heat; Phase changes and specific latent heat; energy conservation in calorimetry; energy in systems; nuclear model and stability; spontaneous decay and half-life; energy and mass defect; current potential difference and energy flow; resistance; and circuit analysis and design.	Data Test (Topics 1, 2)	17/05/24	<u>Week 8</u> 15/03/24
					IA2 Student Experiment (Topics 1, 2, 3)		<u>Week 6</u> 24/05/24
Unit #2		Unit	Start/Length	Topics/Concepts/Skills/Inquiry	Assessment	Checkpoints	Due Date
Unit #2		1. Linear motion 2. Waves	Start: Term 2- Week 7  End: Term 4, Week 4	Unit 2 includes the following subject matter: Vectors; linear motion; Newton's laws of motion; energy; wave properties; sound; and light.	IA3 Research Investigation (Topics 1, 2)	2/08/24	<u>Week 5</u> 9/08/24
					Internal Examination (Units 1 & 2)		Week #4 Block exams