

Learning and Assessment Overview



MALANDA
STATE HIGH SCHOOL

Year 12		2024			SCIENCE IN PRACTICE		
	Unit	Start/Length	Topics/Concepts/Skills/Inquiry	Assessment	Checkpoints	Due Date	
Term 1	Module 6 Environmental Study GBR	10 weeks	Study of the formation of the reef and coral cays. Students will investigate and evaluate the human impact and related zoning of the reef. This will involve fieldwork, at an aquarium or reef location.	Exam		Wk 8 – Thu 14/3/24	
	Module 7 Aquaculture/ Aquaponics	10 weeks	Class project maintaining an aquaculture/aquaponics system. Students will investigate different aquatic species that are most compatible with the aquaponics system.	Investigation	W3 – Issue W5 – Intro and Results W6 – Thu 25/5/24 Full Draft	Wk 8 - Thurs 06/06/24	
Term 2	Module 5 Forensic Science	10 weeks	Explores the methods of collecting forensic evidence and its analysis. Practical component incorporates gathering of evidence from crime scene and the analysis of this evidence to solve a crime.	Project (Written and Multimodal)	W4 – Issue W5 - Intro W7 – 24/8/24 Full Draft (Thur)	Written Wk 8 – Thu 29/8/24 Spoken Wk 9 - Mon 02/09/24	
	Module 8 Disease and Personal Health	5 weeks	Study of cause, different types of disease and investigation of how lifestyle can affect the wellbeing of their bodies. Practical component will involve virtual or real dissections.	Project (Written and Multimodal)	Wk 9 – Issue W1 - Intro W2 – Thu 12/10/24 Full draft	Wk 3 - Tues Written 15/10/24 Multimodal 15/10/24 (Tues)	
Term 3	Module 6 Environmental Study GBR	10 weeks	Study of the formation of the reef and coral cays. Students will investigate and evaluate the human impact and related zoning of the reef. This will involve fieldwork, at an aquarium or reef location.	Exam		Wk 8 – Thu 14/3/24	
	Module 7 Aquaculture/ Aquaponics	10 weeks	Class project maintaining an aquaculture/aquaponics system. Students will investigate different aquatic species that are most compatible with the aquaponics system.	Investigation	W3 – Issue W5 – Intro and Results W6 – Thu 25/5/24 Full Draft	Wk 8 - Thurs 06/06/24	
Term 4	Module 5 Forensic Science	10 weeks	Explores the methods of collecting forensic evidence and its analysis. Practical component incorporates gathering of evidence from crime scene and the analysis of this evidence to solve a crime.	Project (Written and Multimodal)	W4 – Issue W5 - Intro W7 – 24/8/24 Full Draft (Thur)	Written Wk 8 – Thu 29/8/24 Spoken Wk 9 - Mon 02/09/24	
	Module 8 Disease and Personal Health	5 weeks	Study of cause, different types of disease and investigation of how lifestyle can affect the wellbeing of their bodies. Practical component will involve virtual or real dissections.	Project (Written and Multimodal)	Wk 9 – Issue W1 - Intro W2 – Thu 12/10/24 Full draft	Wk 3 - Tues Written 15/10/24 Multimodal 15/10/24 (Tues)	