



Year 12

Science in Practice

Unit Title		Start/Length	Topic / Subject Matter	Assessment	Checkpoints	Due Date
Unit 3	Unit C: Forensic Science	Term 1-2 (55 hours)	Subject matter includes students examine scientific processes used in the field of forensic science and execute relevant procedures, such as fingerprinting, casting and blood typing. Students identify, explain and organise evidence collected for analysis.	IA1: C1- Applied investigation	Issue: 10/02/26 Draft: 04/03/26	20/03/26
			Students interpret aspects of a simulated crime scene. They plan a methodology for collecting and preserving evidence while conducting further analysis of samples to reach conclusions and communicate findings. Students develop skills in observation, planning, data collection and data analysis of simulated crime scenes..	IA2: C2-Practical project	Issue: 24/03/26 Draft: 01/05/26	20/05/26
Unit Title		Start/Length	Topic / Subject Matter	Assessment	Checkpoints	Due Date
Unit 4	Unit B: Ecology	Term 2-4 (55 hours)	Subject matter includes students examine the ecology of a selected species or group of organisms and their interactions with their environments. Students test and determine factors in the ecosystem through water management and explain concepts such as organisms, ecosystems and their interdependences with Earth systems.	IA3: B1- Applied investigation	Issue: 16/06/26 Draft: 21/07/26	07/08/26
			Students learn how human interactions with the Earth have a profound effect on present and future generations, and how science can inform these complex global problems.	IA4: B2-Practical project	Issue: 18/08/26 Draft: 16/09/26	14/10/26