

Learning and Assessment Overview 2024



MALANDA
STATE HIGH SCHOOL

Year 10

Extension Science

	Unit	Start/Length	Topics/Concepts/Skills/Inquiry	Assessment	Checkpoint Date	Due Date
Term 1	Forensic Science Biotechnology (Biology)	10 weeks	Health of an ecosystem Forensic Techniques used to prevent/prosecute criminals Biotechnological techniques such as DNA gel electrophoresis, PCR GMOs and CRISPR.	Examination		18/03/24
	Unit	Start/Length	Topics/Concepts/Skills/Inquiry	Assessment	Checkpoint Date	Due Date
Term 2	Epidemiology (Biology)	10 weeks	Tracking and Determining diseases Vaccines and Virology	Research Investigation	27/05/24	10/06/24
	Unit	Start/Length	Topics/Concepts/Skills/Inquiry	Assessment	Checkpoint Date	Due Date
Term 3	Organic Chemistry Electrochemistry (Chemistry)	10 weeks	Functional Groups Saponification, Esterification Batteries and Moving Charge	Data Test		02/09/24
	Unit	Start/Length	Topics/Concepts/Skills/Inquiry	Assessment	Checkpoint Date	Due Date
Term 4	Space Exploration Civil Engineering (Physics)	10 weeks	Leaving Earth: Gravity, Projectile Motion, Rocketry Travelling Space: Special Relativity, Problems in Space Returning Home? Bridge Construction; Forces and Trusses, Types of Bridges	Student Experiment	28/10/24	11/11/24