

Learning and Assessment Overview 2025



MALANDA
STATE HIGH SCHOOL

Year 7						Science
	Unit	Length	Achievement Standards	Assessment	Checkpoint	Due Date
Term 1	Earth & Space Sciences	8 weeks	Students model cycles in the Earth-sun-moon system and explain the effects of these cycles on Earth phenomena. Students identify the factors that can influence development of and lead to changes in scientific knowledge. They explain the role of science communication in shaping viewpoints, policies and regulations. They select and construct appropriate representations to organise data and information. They process data and information and analyse it to describe patterns, trends and relationships.	Examination		Week 6 07/03/25
Term 2	Biology	12 weeks	By the end of Year 7, students explain how biological diversity is ordered and organised. They represent flows of matter and energy in ecosystems and predict the effects of environmental changes. Students plan and conduct safe, reproducible investigations to test relationships and aspects of scientific models. They identify potential ethical issues and intercultural considerations required for field locations or use of secondary data. They use equipment to generate and record data with precision. They select and construct appropriate representations to organise data and information. They process data and information and analyse it to describe patterns, trends and relationships. They identify possible sources of error in methods and identify unanswered questions in conclusions and claims. They identify evidence to support their conclusions and construct arguments to support or dispute claims. They select and use language and text features appropriately for their purpose and audience when communicating their ideas and findings.	Research Investigation	Draft Week 6 30/05/25	Final Week 8 13/06/25
Term 3	Chemistry	10 weeks	Students use the particle theory to explain the physical properties of substances and develop processes that separate mixtures. They explain how scientific responses are developed and can impact society. They explain the role of science communication in shaping viewpoints, policies and regulations. They select and construct appropriate representations to organise data and information. They process data and information and analyse it to describe patterns, trends and relationships.	Examination		Week 8 01/09/25
Term 4	Physics	9 weeks	By the end of Year 7, students represent and explain the effects of forces acting on objects. They plan and conduct safe, reproducible investigations to test relationships. They identify potential safety considerations required for field locations or use of secondary data. They use equipment to generate and record data with precision. They select and construct appropriate representations to organise data and information. They process data and information and analyse it to describe patterns, trends and relationships. They identify possible sources of error in methods and identify unanswered questions in conclusions and claims. They identify evidence to support their conclusions. They select and use language and text features appropriately for their purpose and audience when communicating their ideas and findings.	Student Experiment	Draft Week 6 14/11/25	Final Week 7 21/11/25