

Learning and Assessment Overview 2025



MALANDA
STATE HIGH SCHOOL

Year 8						Science
	Unit	Length	Achievement Standards	Assessment	Checkpoint	Due Date
Term 1	Earth Science	8 weeks	They apply an understanding of the theory of plate tectonics to explain patterns of change in the geosphere. They explain how the properties of rocks relate to their formation and influence their use. Students analyse how different factors influence development of and lead to changes in scientific knowledge. They analyse data and information to describe patterns, trends and relationships and identify anomalies.	Examination		Week 6 05/03/25
Term 2	Biology	12 weeks	By the end of Year 8 students explain the role of specialised cell structures and organelles in cellular function and analyse the relationship between structure and function at organ and body system levels. Students analyse how different factors influence development of and lead to changes in scientific knowledge. They analyse the key considerations that inform scientific responses and how these responses impact society. They analyse the importance of science communication in shaping viewpoints, policies and regulations. They construct evidence-based arguments to support conclusions and evaluate claims. They select and use language and text features appropriately for their purpose when communicating their ideas, findings and arguments to specific audiences.	Research Investigation	Draft Week 6 30/05/25	Final Week 8 11/06/25
Term 3	Chemistry	10 weeks	They classify and represent different types of matter and distinguish between physical and chemical change. They select and construct appropriate representations to organise and process data and information. They analyse data and information to describe patterns, trends and relationships and identify anomalies.	Examination		Week 9 08/09/25
Term 4	Physics	9 weeks	By the end of year 8, students compare different forms of energy and represent transfer and transformation of energy in simple systems. Students plan and conduct safe, reproducible investigations to test relationships and explore models. They select and use equipment to generate and record data with precision. They select and construct appropriate representations to organise and process data and information. They analyse data and information to describe patterns, trends and relationships and identify anomalies. They identify assumptions and sources of error in methods and analyse conclusions and claims with reference to conflicting evidence and unanswered questions. They construct evidence-based arguments to support conclusions and evaluate claims. They select and use language and text features appropriately for their purpose when communicating their ideas, findings and arguments to specific audiences.	Student Experiment	Draft Week 6 14/11/25	Final Week 7 21/11/25