



## ASSESSMENT GRID: YEAR 8 SCIENCE PLATO 2025

Assessment Task	AT 1	AT 2	AT 3	AT 4	
	Term 1 Week 5A Set Date Friday, 28 February 2025	Term 1 Week 9A Set Date Thursday, 27 March 2025	Term 2 Week 8B Set Date Friday, 20 June 2025	Term 4 Week 3A As per examination timetable Select Date (exclude if exam)	
	In Class / Hand In	In Class / Hand In	In Class / Hand In	Examination	
<b>Outline / Description</b>	<b>Research Task</b> Students will carry out research using stimulus material provided to build on their understanding of concepts being studied in the Ecosystems topic. They will help them prepare for the task. They will be asked to answer questions that relate to the stimulus material and concepts studied.	<b>Guided Student Investigation</b> Students carry out a guided first-hand investigation that allows them to collect and analyse data.	<b>Information Processing Task</b> Students process and analyse information and answer questions related to the Body Systems topic.	<b>Examination</b> Yearly examination	
<b>Outcomes</b>	SC4-1VA, SC4-2VA, SC4-3VA, SC4-4WS, SC4-5WS, SC4-6WS, SC4-7WS, SC4-8WS, SC4-9WS	SC4-1VA, SC4-2VA, SC4-3VA, SC4-4WS, SC4-5WS, SC4-8WS, SC4-9WS, SC4-13ES	SC4-14LW, SC4-15LW, SC4-8WS, SC4-9WS, SC4-3VA	SC4-16CW, SC4-17CW, SC4-4WS, SC4-7WS, SC4-1VA	
<b>Component</b>					<b>Weightings</b>
Ecology	√				
Working Scientifically		√			
Structure and Properties of Matter and Chemical Changes			√		
Body Systems and Growth and Multiplying				√	
Solar Systems					
<b>Marks</b>	<b>20%</b>	<b>25%</b>	<b>25%</b>	<b>30%</b>	<b>100%</b>

## ASSESSMENT GRID: YEAR 8 SCIENCE PLATO 2025 | OUTCOME STATEMENTS

Course Outcomes	
SC4-1VA	Appreciates the importance of science in their lives and the role of scientific inquiry in increasing understanding of the world around them
SC4-2VA	Shows a willingness to engage in finding solutions to science-related personal, social and global issues, including shaping sustainable futures
SC4-3VA	Demonstrates confidence in making reasoned, evidence-based decisions about the current and future use and influence of science and technology, including ethical considerations
SC4-4WS	Identifies questions and problems that can be tested or researched and makes predictions based on scientific knowledge
SC4-5WS	Collaboratively and individually produces a plan to investigate questions and problems
SC4-6WS	Follows a sequence of instructions to safely undertake a range of investigation types, collaboratively and individually
SC4-7WS	Processes and analyses data from a first-hand investigation and secondary sources to identify trends, patterns and relationships, and draw conclusions
SC4-8WS	Selects and uses appropriate strategies, understanding and skills to produce creative and plausible solutions to identified problems
SC4-9WS	Presents science ideas, findings and information to a given audience using appropriate scientific language, text types and representations
SC4-10PW	Describes the action of unbalanced forces in everyday situations
SC4-11PW	Discusses how scientific understanding and technological developments have contributed to finding solutions to problems involving energy transfers and transformations
SC4-12ES	Describes the dynamic nature of models, theories and laws in developing scientific understanding of the Earth and solar system
SC4-13ES	Explains how advances in scientific understanding of processes that occur within and on the Earth, influence the choices people make about resource use and management
SC4-14LW	Relates the structure and function of living things to their classification, survival and reproduction
SC4-15LW	Explains how new biological evidence changes people's understanding of the world
SC4-16CW	Describes the observed properties and behaviour of matter, using scientific models and theories about the motion and arrangement of particles
SC4-17CW	Explains how scientific understanding of, and discoveries about, the properties of elements, compounds and mixtures relate to their uses in everyday life