Hills Grammar

ASSESSMENT GRID: YEAR 7 SCIENCE PLATO 2025

Assessment Task	AT 1	AT 2	AT 3	AT 4	
	Term 1 **Week 6B** **Set Date** **Friday, 7 March 2025** **In Class / Hand In**	**Term 2** **Week 2B** **Set Date** **Friday, 9 May 2025** **In Class / Hand In**	**Term 3** **Week 4B** **Set Date** **Friday, 15 August 2025** **In Class / Hand In**	**Term 4** **Week 3A** **As per examination timetable** **Select Date (exclude if exam)** **Examination**	
Outline / Description	**Skills Task** Students will be assessed on their skills in recording, processing and analysing data on the topic of Investigating.	**Virtual Zoo Task** Students will exchange on a virtual excursion linked to Tarango Zoo. Students will make observations, collect data, process and analyse data.	**Data Analysis and Problem-Solving Task** Students will be given data and problems to solve related to Forces and Energy, including activities completed during the STEM unit.	**Yearly Examination** Examination	
Outcomes	SC4-1VA, SC4-2VA, SC4-3VA, SC4-4WS, SC4-5WS, SC4-6WS, SC4-7WS, SC4-8WS, SC4-9WS	SC4-4WS, SC4-5WS, SC4-6WS, SC4-7WS, SC4-8WS, SC4-9WS, SC4-14LW, SC4-15LW	SC4-4WS, SC4-5WS, SC4-6WS, SC4-7WS, SC4-8WS, SC4-10PW, SC4-11PW	SC4-16CW, SC4-17CW	
Component					**Weightings**
Investigating	√				
Cells and Classification		√			
Energy and Forces			√		
States of Matter and Separating Mixtures				√	
Marks	**20%**	**25%**	**25%**	**30%**	**100%**

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ASSESSMENT GRID: YEAR 7 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