



	Unit	Length	Achievement Standards	Assessment	Checkpoint	Due Date
Term 1	Biology: Inheritance	6 Weeks	Students explain the processes that underpin heredity and genetic diversity. Analyse and connect a variety of data and information to identify and explain patterns, trends, relationships and anomalies	Exam		04/03/26
	Physics: The Universe	5 Weeks	Sequence key events in the origin and evolution of the universe and describe the supporting evidence for the big bang theory.	Science Inquiry Assignment		01/05/26
Term 2	Chemistry: Atoms and Molecules	5 weeks	Explain patterns and trends in the periodic table and predict the products of reactions and the effect of change reactant and reaction conditions	Exam		03/06/25
	Earth Science	4 weeks	Describe trends in patterns of global climate change and identify causal factors. Analyse the importance of publication and peer review in the development of scientific knowledge and analyse the relationship between science, technologies and engineering. Analyse and connect a variety of data and information to identify and explain patterns, trends, relationships and anomalies	Formative Source Analysis	Progressive checks in class	23/06/26
Term 3	Physics: Motion	6 weeks	Explain how Newton's laws describe motion and apply them to predict motion of objects in a system	Exam		19/08/26
Term 4	Chemistry: Reactions	6 weeks	Explain patterns and trends in the periodic table and predict the products of reactions. Plan and conduct safe, valid and reproducible investigations to test relationships or develop explanatory models. Explain how they have addressed any ethical and intercultural considerations when generating or using primary and secondary data. Select equipment and use it efficiently to generate and record appropriate sample sizes and replicable data with precision. Select and construct effective representations to organise, process and summarise data and information. Analyse and connect a variety of data and information to identify and explain patterns, trends, relationships and anomalies. Evaluate the validity and reproducibility of methods, and the validity of conclusions and claims. Construct logical arguments based on analysis of a variety of evidence to support conclusions and evaluate claims. Select and use content, language and text features effectively to achieve their purpose when communicating their ideas, findings and arguments to diverse audiences	Student Experiment Due		16/10/26
	Biology: Evolution	5 weeks	Explain the processes that underpin heredity and genetic diversity and describe the evidence supporting the theory of evolution by natural selection. Analyse the key factors that influence interactions between science and society.	Exam		18/11/26