

Year 10 Science Semester 1

UNIT GOALS

The specific goals of this unit are for students to:

- Analyses how the periodic table organises elements and uses it to make predictions about the properties of elements
- Applies relationships between force, mass and acceleration to predict changes in the motion of objects
- Explains the processes that underpin heredity
- Analyses trends in data, identifies relationships between variables and reveals inconsistencies in results
- Identifies alternative explanations and explains any sources of uncertainty when analysing data and justifying conclusions
- Constructs evidence-based arguments and selects appropriate representations and text types to communicate science ideas

UNIT OVERVIEW

Topic 1: Forces, Energy and Motion

Topic 2: Chemical Patterns

Topic 3: Getting Into Genes

ASSESSMENT DETAILS

	Assessment Task	Week Due
AT1	Project - Catapults	T 1 Week 6
AT2	End of Unit Test	T 1 Week 7
AT3	Laboratory Report	T 2 Week 3
AT4	Debate - Genetic Technology	T 2 Week 7
AT5	End of Semester Exam	T 2 Week 8
AT6	Bookwork	Ongoing