

Year 9 Science Semester 1

UNIT GOALS

The specific goals of this unit are for students to:

- Analyses how biological systems function and respond to external changes with reference to interdependencies, energy transfers and flows of matter
- Explains chemical processes and natural radioactivity in terms of atoms and energy transfers and can describe examples of important chemical reactions
- Designs questions that can be investigated using a range of inquiry skills using the scientific method
- Analyses trends in data, identifies relationships between variables and reveals inconsistencies in results by evaluating the quality of data produced and seeks improvements
- Evaluates others' methods and explanations from a scientific perspective
- Uses appropriate language and representations when communicating findings and ideas to specific audiences

UNIT OVERVIEW

Topic 1: Ecosystems – flow of energy and matter

Topic 2: Chemical reactions

Topic 3: Coordination and control

ASSESSMENT DETAILS

	Assessment Task	Week Due	Weighting (%)
Term 1			
AT1	Test & Assignment	Week 5 & 6	33.3%
AT2	Test & Assignment	Week 8, 11 & 13	33.3%
Term 2			
AT3	Test & Assignment	Week 15, 17 & 18	33.3%