

Year 8 Science Semester 1

UNIT GOALS

The specific goals of this unit are for students to:

- Compare processes of rock formation, including the time scales involved
- Explain global features and events in terms of geological processes and timescales
- Develop a water purification plan for a community
- Compare physical and chemical changes and use the particle model to explain and predict the properties and behaviours of substances
- Analyse the relationship between structure and function at cell, organ and body system levels
- Identify and construct questions and problems that can be investigated scientifically
- Uses appropriate language and representations to communicate science ideas, methods and findings in a range of text types

UNIT OVERVIEW

Topic 1: Rocks and dynamic earth

Topic 2: States of matter

Topic 3: Cells and body systems

ASSESSMENT DETAILS

	Assessment Task	Week Due	Weighting (%)
Term 1			
AT1	Rock Cycle poster and presentation	Week 3	N/A

AT2	Water purification plan and experiment	Week 6	N/A
AT3	Test (Rocks and Dynamic Earth)	Week 7	N/A
AT4	Practical work (portfolio)	Week 9	N/A
Term 2			
AT5	Quiz (States of matter)	Week 2	N/A
AT6	Research Assignment (Body Systems)	Week 6	N/A
AT7	Test (Cells and Body Systems)	Week 8	N/A

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