



# Year 7 Science

## Semester/Term 2 Course Outline

This semester, students will analyse how the sustainable use of natural resources depends on the way they are formed and cycled through the Earth systems. They will plan and conduct an investigation to accurately measure variables that impact the growth of plants in an ecosystem. They will also explore and explain relationships between biotic and abiotic factors in an ecosystem.

### **Learning Outcomes**

*Students will be assessed on the following Learning Outcomes*

- Year.7.388: Explains how the relative positions of Earth, the sun and moon affect phenomena on Earth
- Year 7.389: Analyses how the sustainable use of resources depends on the way they are formed and cycle through Earth systems.
- Year 7.390: Predicts the effect of human and environmental changes on interactions between organisms and classifies and organises diverse organisms based on observable differences
- Year 7.393: Identifies questions that can be investigated scientifically
- Year 7.394: Plans fair experimental methods, identifying variables to be changed and measured
- Year 7.395: Selects equipment that improves fairness and accuracy and describes how safety was considered
- Year 7.398: Communicates ideas, methods and findings using scientific language and appropriate representations

## Assessment Tasks

*Students will be assessed on their participation and completion of classwork and assessment tasks.*

Task	Week Due*
Research task-Indigenous perspective	Week 4
Ecology practical investigation	Week 14
Space test	Week 18
Class work	Ongoing

\*Due dates are an estimate only



**Teacher/s:** Farhat Azad, Deborah Lovatt, James Hall, Steven McKeller, Leonie McGlashan, Darren King

**Executive Teacher:** Darren King