

Year 9/10 Paddock to Plate

Semester 2 Course Outline

In Paddock to Plate students will work on many projects involving the science of growing plants, fungi and animals. They will explore the hazards of agriculture work and how to work safely with tools in the school horticulture areas. Students will learn about the lifecycle and needs of plants and grow seedlings and cuttings with their own vegetable plot to care for with their friends. They will grow, harvest and cook with ingredients from the gardens. Students will also investigate developing food growing movements including growing and eating insects and other specialty ingredients. Students will be working in groups to develop an agribusiness to develop, market and sell products they make.

Learning Outcomes

Students will be assessed on the following Learning Outcomes:

- 9.415 Analyses how biological systems function and respond to external changes with reference to interdependencies, energy transfers and flows of matter
- 9.416 Describes social and technological factors that have influenced scientific developments and predicts how future applications of science and technology
- 9.421 Evaluates others' methods and explanations from a scientific perspective and uses appropriate language and representations when communicating findings and ideas to specific audiences
- 10.434 Constructs evidence-based arguments and selects appropriate representations and text types to communicate science ideas for specific purposes

Assessment Tasks

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

Task	Week Due*
Assignment - Working safely	Term 3, Week 2
Practical Activity - Growing plants	Term 3, Week 4
Assignment - Fibres	Term 3, Week 10
Assignment - Creating an Agribusiness	Term 4, Week 6
Formative Assessments	Ongoing class work

*Due dates are an estimate only

Teacher/s: Leonie McGlashan

Executive Teacher: Darren King