



Agriculture

Description

This unit is designed to provide students with an understanding of the operations and practices of agricultural and horticultural systems. The study has a focus on sustainable farming practices and hydroponic growing. With investigations into seasonal growing, organic farming, propagation techniques, plant identification and animal care. This unit has a strong focus on participation and cooperation. Students work in groups and need to be actively involved in the physical elements of garden development and animal care.

Unit Topics

- *Plant and animal growth and development*
- *Seasonal growing*
- *Organic farming*
- *Hydroponics*
- *Pests, diseases and disorders plants and animals*
- *companion planting*
- *propagation techniques*

Skill Development

- *Safe use of tools*
- *Garden design*
- *Propagation techniques*
- *Plant identification*
- *Hydroponic growing techniques*
- *Working with animals*
- *Team work*
- *Adaptability*
- *Collaboration*
- *Seasonal plant selection*

Possible Assessment Tasks

Participation in garden development, presentations, research tasks, garden planning, Cows Create Careers (caring for calves for 3 weeks)

Activities/Camps/Excursions

Field trip to a farm/ parks/ gardens, In Semester 1 - Farm World, Practical Investigations, Propagation practices, Research study based on an agricultural or horticultural industry

Career Options

Horticulturalist, Nursery person, Farmer, Farm Hand, Agronomist