



Highfields State
Secondary College

Semester 2 Course Overview

Faculty: Science
Subject: Agricultural Practices
Year level: 9

Course Outline

Agricultural Practices provides opportunities for students to explore, experience and learn knowledge and practical skills valued in agricultural workplaces and other settings. Through these learning experiences, students build their understanding of expectations for work in agricultural settings and develop an understanding of career pathways, jobs and other opportunities available for participating in and contributing to agricultural activities. Agriculture is a dynamic field of science that deals with plant agronomy, animal husbandry and sustainable management of agricultural production systems. The sophistication of agricultural production systems is constantly increasing to meet the changing needs of society. The following criteria are assessed;

- Knowledge and Understanding
- Investigating and Analysis
- Evaluating and Communication

| Semester 2 | |
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| Cows Create Careers | Innovative Agricultural Industries |
| In this unit students will focus on rearing calves, students will explore the Cattle industry, the careers it supports, current and future sustainability issues that it is managing and the technologies involved. Caring for and monitoring the calves will be essential to their learning about the dairy industry. They will visit a farm to observe the technical advances made in relation to calve rearing and relate it to their own experiences. They will examine such advances in relation to the sustainability to the Australian cattle industry. | In this unit students will begin to develop an understanding of different innovative and emerging industries. Topics will include crocodile, apiary, kangaroo, camel farming. Students will begin to understand that different animal products can be produced from stock and that successful animal industries are run as businesses. |
| Assessment A Power Point Presentation (completed individually) A photo with the calves (completed in groups or individually) Practical observation | Assessment Investigation Students will research the day to day operation of an uncommon Agribusiness that is not known to most people. Such agribusinesses could include: Kangaroo farming, Emu farming, Apiary (beekeeping), Camel Milk, Feral pest control. |