



Highfields State
Secondary College

Semester 2 Course Overview

Faculty: Science
Subject: Agricultural Practices
Year level: 11

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.

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

Semester 2	
Term 3	Term 4
<p>Module 3: Plant studies - Horticulture and Cropping This module addresses plant selection, production and the different products produced. Students develop an understanding of the characteristics of a healthy plant along with the causes, prevention and treatment of ill health.</p> <p>Assessment Project Students will build a garden bed and grow a vegetable crop</p> <ul style="list-style-type: none"> • Spoken component Interview on steps for planting and growing the vegetable crop 1.5–3.5 minutes • Performance component Demonstrate workplace health and safety requirements when constructing a garden bed • Knowing and understanding • Analysing and applying • Planning and evaluating 	<p>Module 4: Animal Studies - Husbandry practices This module investigates agricultural livestock husbandry required for production, the characteristics of a healthy animal; and the causes, prevention and treatment of ill health as well as the management practices that are required for production.</p> <p>Assessment Investigation Investigate a disease that causes poor production in agricultural livestock</p> <ul style="list-style-type: none"> • Written response Students will complete a report outlining a disease and how it effects animal production 500–800 words • Knowing and understanding • Analysing and applying • Evaluating and communication