

Year 10 - Agriculture 2022

TERM 1		
	Ethical Eating: Students learn about ethical eating, exploring where their food comes from as well as social and ethical issues that exist in the production of both animals and plants.	
	UNIT OVERVIEW	ASSESSMENT
TIMING Weeks: 1-6 (Term 1)	<p>Outcomes assessed:</p> <ul style="list-style-type: none"> • explains why identified plant species and animal breeds have been used in agricultural enterprises and developed for the Australian environment and/or markets • explains the interactions within and between agricultural enterprises and systems • explains the interactions within and between the agricultural sector and Australia’s economy, culture and society • explains and evaluates the impact of management decisions on animal production enterprises • evaluates the impact of past and current agricultural practices on agricultural sustainability • evaluates management practices in terms of profitability, technology, sustainability, social issues and ethics • implements and justifies the application of animal welfare guidelines to agricultural practices 	<p>Task Number: 1</p> <p>Nature of Task: Animal welfare research task</p> <p>Percentage: 25</p> <p>Week: 11</p> <p>Reported: Semester 1</p>
TERM 2		
	Dairy Production: Students learn about one of Australia’s most important Agricultural industries in the Dairy industry. Students learn about the production channels of dairy production from paddock to consumer.	
	UNIT OVERVIEW	ASSESSMENT
TIMING Weeks: 7-4 (Term 1 and 2)	<p>In this unit students will be given the opportunity to explore one of Australia’s most important Agricultural industries.</p> <p>Outcomes assessed:</p> <ul style="list-style-type: none"> • explains and evaluates the impact of management decisions on animal production enterprises • evaluates the impact of past and current agricultural practices on agricultural sustainability • evaluates management practices in terms of profitability, technology, sustainability, social issues and ethics • implements and justifies the application of animal welfare guidelines to agricultural practices • collects and analyses agricultural data and communicates results using a range of technologies • applies Work Health and Safety requirements when using, maintaining and storing chemicals, tools and agricultural machinery • demonstrates plant and/or animal management practices safely and in collaboration with others. 	<p>Task Number: 2</p> <p>Nature of Task: Survey and report</p> <p>Percentage: 25</p> <p>Week: 5</p> <p>Reported: Semester 1</p>

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TERM 3		
	<p>Potato production: Students will gain experience in research agronomy by conducting a trial on the effects of organic and synthetic fertilisers, and consolidate knowledge gained previously on soil activity. Students will conduct a market research survey to gain knowledge and understanding of consumer wants and needs.</p>	
<p>TIMING Weeks: 5 – 5 (Term 2 and 3)</p>	UNIT OVERVIEW	ASSESSMENT
	<ul style="list-style-type: none"> • explains and evaluates the impact of management decisions on plant production enterprises • the impact of past and current agricultural practices on agricultural sustainability • evaluates management practices in terms of profitability, technology, sustainability, social issues and ethics • collects and analyses agricultural data and communicates results using a range of technologies • applies Work Health and Safety requirements when using, maintaining and storing chemicals, tools and agricultural machinery • demonstrates plant and/or animal management practices safely and in collaboration with others 	<p>Task Number: 3</p> <p>Nature of Task: Research task</p> <p>Percentage: 20</p> <p>Week: 9</p> <p>Reported: Semester 2</p>
TERM 4		
	<p>Urban agriculture: Students learn about the role of urban agriculture in supporting efforts to enhance urban resilience, urban food security and contribute to meeting the challenges of adapting to climate change. Investigate a multi-institutional research project supported by the National Climate Change Adaptation Research Facility.</p>	
<p>TIMING Weeks: 6-6 (Term 4 and 4)</p>	UNIT OVERVIEW	ASSESSMENT
	<ul style="list-style-type: none"> • explains why identified plant species and animal breeds have been used in agricultural enterprises and developed for the Australian environment and/or markets • explains the interactions within and between agricultural enterprises and systems • explains the interactions within and between the agricultural sector and Australia’s economy, culture and society • investigates and implements responsible production systems for plant and animal enterprises • demonstrates plant and/or animal management practices safely and in collaboration with others 	<p>Task Number: 4</p> <p>Nature of Task: Hand in examination</p> <p>Percentage: 30</p> <p>Week: 5</p> <p>Reported: Semester 2</p>