

Years 7– 10 Agricultural Technology



Syllabus outcomes and related content (Core A and Core B) that require knowledge and understanding of animal welfare are listed below.

	Outcomes	Students learn about:	Students learn to:
Core A	A student: 5.3.1 investigates and implements responsible production systems for plant and animal enterprises	<ul style="list-style-type: none"> the basic requirements of agricultural plants and animals intensive and extensive production systems for a plant or an animal product 	<ul style="list-style-type: none"> grow and monitor plants and animals apply production systems to a plant or animal product
Core B			<ul style="list-style-type: none"> compare alternative production systems for a plant and animal enterprise discuss advantages and disadvantages of different production systems
Core A	5.3.2 investigates and applies responsible marketing principles and processes	<ul style="list-style-type: none"> the role of transport, handling and packaging in marketing a chosen agricultural product 	<ul style="list-style-type: none"> select transport, handling and packaging methods for marketing a chosen agricultural product
Core B		<ul style="list-style-type: none"> marketing techniques and strategies related to an agricultural product 	
Core A	5.3.4 explains and evaluates the impact of management decisions on animal production enterprises	<ul style="list-style-type: none"> breed selection the management and control of significant pests and diseases the calendar of operations in a production cycle the benefits of a calendar of operations indicating management practices and when they will occur throughout the year 	<ul style="list-style-type: none"> identify breeds relevant to a specific enterprise implement and evaluate control programs using strategies for pests and diseases

		<ul style="list-style-type: none"> management techniques used to modify climate for their specific enterprise breeding technologies including: <ul style="list-style-type: none"> artificial insemination embryo transfer 	<ul style="list-style-type: none"> perform simple animal husbandry operations
Core B		<ul style="list-style-type: none"> breeding techniques nutritional requirements of animals 	<ul style="list-style-type: none"> identify breeding programs and their impact on production design a feeding program for the production cycle of an animal investigate timing and impact of relevant operations in an animal production cycle
Core A	5.4.2 evaluates management practices in terms of profitability, technology, sustainability, social issues and ethics	<ul style="list-style-type: none"> social issues and ethics involved with the production of chosen agricultural enterprises 	<ul style="list-style-type: none"> discuss a number of social and ethical issues that would be confronted in chosen agricultural enterprises
Core B		<ul style="list-style-type: none"> social and ethical issues associated with changing agriculture 	
Core A	5.4.3 implements and justifies the application of animal welfare guidelines to agricultural practices	<ul style="list-style-type: none"> animal welfare codes of practice applicable to a chosen agricultural enterprise 	<ul style="list-style-type: none"> apply correct livestock handling methods evaluate animal housing conditions in accordance with identified codes of practice
Core B		<ul style="list-style-type: none"> animal welfare codes and their effect on the management of intensive and extensive systems 	<ul style="list-style-type: none"> implement and document practices in accordance with animal welfare codes

Core A	5.6.2 performs plant and animal management practices safely and in cooperation with others	<ul style="list-style-type: none"> • plant and animal management practices 	<ul style="list-style-type: none"> • perform procedures in the management of plants and animals • work cooperatively to perform management operations
Core B		<ul style="list-style-type: none"> • hazard identification and risk assessment when handling animals and performing plant husbandry techniques 	<ul style="list-style-type: none"> • conduct a risk assessment for a designated task