Year 9 Agricultural Technology

Assessment Task 1, 2024

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| **TOPIC**: Introduction to Agriculture – Practical Task | **MARKS:** /25  |
| **SUBMISSION REQUIREMENTS:** The practical tasks will be conducted during in class lessons concluding in **Term 1** **Week 7, Friday 15 March 2024** | **WEIGHTING:**  30%  |
| **OUTCOMES TO BE ASSESSED:**AG5.1 **Explains** why identified plant species and animal breeds have been used in agricultural enterprises and developed for the Australian environment and/or marketsAG5.2 **Explains** the interactions within and between agricultural enterprises and systemsAG5.3 **Explains** the interactions within and between the agricultural sector and Australia’s economy, culture and societyAG5.4 **Investigates** and implements responsible production systems for plant and animal enterprisesAG5.13 **Applies** Work Health and Safety requirements when using, maintaining and storing chemicals, tools and agricultural machineryAG5.14 **Demonstrates** plant and/or animal management practices safely and in collaboration with others |
| **DIRECTIONAL VERBS:****Apply** Use, utilise, employ in a particular situation**Demonstrate** Show by example**Explain** Relate cause and effect; make the relationships between things evident; provide why and/or how**Investigates** Plan and inquire into a range of experiences to understand a concept  |
| **TASK DESCRIPTION:**Students will need to complete a variety of practical application tasks. During these tasks, students will be required to verbally answer questions to determine their level of understanding about agricultural enterprises including work health and safety requirements in an agricultural farm setting.All students will have the opportunity to develop these skills during class time leading up to the assessment. |

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| **ASSESSMENT CRITERIA:**Students will undertake a series of practical tasks at the school agricultural farm that will demonstrate their ability to:1. Locate and **explain** safety signage (AG5.13)
2. **Apply** and **demonstrate** the safe handling of tools (AG5.4, AG 5.14)
3. **Apply** and **demonstrate** the safe handling of animals (AG5.4, AG 5.14)
4. Locate and **demonstrate** the safe handling and storage of chemicals (AG5.13)
5. **Investigate** and **explain** the interactions within farming systems (AG5.1, AG5.2, AG5.3)
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| **ASSESSMENT MARKING CRITERIA** |
| 1. **Locate and define safety signage (AG5.13)**
 | **Mark** | **Grade** |
| * Presents a comprehensive knowledge and understanding of the variety of Work Health and Safety (WHS) signage required and used in an agricultural setting. Students will locate all of the WHS specific signage at the school farm and provide an extensive **explanation** of its relevance in context.
 | 5 | A |
| * Presents a thorough knowledge and understanding of the variety of Work Health and Safety (WHS) signage used in an agricultural setting. Students will locate most of the WHS specific signage at the school farm and provide an **explanation** of its relevance in context.
 | 4 | B |
| * Presents a sound knowledge and understanding of Work Health and Safety (WHS) signage used in an agricultural setting. Students will locate some of the WHS specific signage at the school farm and may provide a **description** for its relevance.
 | 3 | C |
| * Presents a basic knowledge or understanding of Work Health and Safety (WHS) signage. Students may identify WHS specific signage at the school farm and/or may **identify** a suitable reason for its use.
 | 2 | D |
| * Presents a limited knowledge Work Health and Safety (WHS) signage by **identifying** a WHS relevant sign.
 | 1 | E |
| 1. **Locate and demonstrate the safe handling of tools**

**(AG5.4 AG5.14)** | **Mark** | **Grade** |
| * Presents an outstanding knowledge, understanding and demonstration of Work Health and Safety (WHS) issues regarding the safe handling of tools in an agricultural setting including:
	+ Locating and naming of tools used in an agricultural setting correctly
	+ Correctly provides a clear understanding of the tools purpose providing relevant examples of use
	+ Always **demonstrates** in a safe manner the correct use for the nominated tools
	+ Correctly **explains** the potential consequences for inappropriate use of the nominated tools
 | 5 | A |
| * Presents a thorough knowledge, understanding and demonstration of Work Health and Safety (WHS) issues regarding the safe handling of tools in an agricultural setting although some details may be lacking, to include:
	+ Locating and naming of tools used in an agricultural setting correctly
	+ Correctly provides a clear understanding of the tools purpose providing relevant examples of use
	+ Always **demonstrates** in a safe manner the correct use for the nominated tools
	+ Correctly **explains** the potential consequences for inappropriate use of the nominated tools
 | 4 | B |
| * Presents a sound knowledge, understanding and demonstration of Work Health and Safety (WHS) issues regarding the safe handling of tools in an agricultural setting to include most of the following:
	+ Locating and naming of tools used in an agricultural setting correctly
	+ Correctly provides an understanding of the tools purpose providing relevant examples of use
	+ **Demonstrates** in a safe manner the correct use for the nominated tools
	+ Correctly **describes** the potential consequences for inappropriate use of the nominated tools
 | 3 | C |
| * Presents a basic knowledge, understanding and demonstration of Work Health and Safety (WHS) issues regarding the safe handling of tools in an agricultural setting to include some of the following:
	+ Locating and/or naming of tools used in an agricultural setting correctly
	+ Provides the purpose of a tool providing an example of use
	+ **Demonstrates** in a safe manner the correct use for the nominated tools
	+ **Identifies** a potential consequence for inappropriate use of a nominated tool
 | 2 | D |
| * Presents a limited knowledge or understanding or demonstration of handling tools used in agriculture
 | 1 | E |

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| 1. **Demonstrate the safe handling of animals (AG5.4 AG5.14)**
 | **Mark** | **Grade** |
| * Presents an outstanding knowledge, understanding and demonstration of Animal Welfare guidelines regarding the safe handling of animals in an agricultural setting including:
	+ **Identification** of hazards when working with animals
	+ Providing a clear and accurate **explanation** for reducing the identified hazards when working with animals
	+ Comprehensively understands the purpose of the 5 Freedoms of Animals
	+ **Describing** and always **demonstrating** the safe handling of animals at the school farm
 | 5 | A |
| * Presents a thorough knowledge, understanding and demonstration of Animal Welfare guidelines regarding the safe handling of animals in an agricultural setting although some details may be lacking, to include
	+ **Identification** of hazards when working with animals
	+ Providing a clear and accurate **explanation** for reducing the identified hazards when working with animals
	+ Comprehensively understands the purpose of the 5 Freedoms of Animals
	+ **Describing** and always **demonstrating** the safe handling of animals at the school farm
 | 4 | B |
| * Presents a sound knowledge, understanding and demonstration of Animal Welfare guidelines regarding the safe handling of animals in an agricultural setting to include most of the following:
	+ **Identification** of hazards when working with animals
	+ Providing a **description** for reducing the identified hazards when working with animals
	+ Understands the purpose of the 5 Freedoms of Animals
	+ **Identifies** and **demonstrates** the safe handling of animals at the school farm
 | 3 | C |

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| * Presents a basic knowledge, understanding and demonstration of Animal Welfare guidelines regarding the safe handling of animals in an agricultural setting to include some of the following:
	+ **Identification** of a hazard when working with animals
	+ **Identifies** how to reduce the identified hazard when working with animals
	+ **Identifies** an aspect of the 5 Freedoms of Animals
	+ **Identifies** OR **demonstrates** the safe handling of animals at the school farm
 | 2 | D |
| * Presents a limited understanding OR demonstration of the safe handling of animals in an agricultural setting
 | 1 | E |
| 1. **Locate and demonstrate the safe handling and storage of chemicals AG5.13**
 | **Mark** | **Grade** |
| * Presents an outstanding knowledge, understanding and demonstration of Work Health and Safety regulations regarding the safe handling and storage of chemicals in an agricultural setting although some details may be lacking, to include:
	+ Locating and naming of chemicals used for plants correctly
	+ Locating and naming of chemicals used for animals correctly
	+ **Describing** comprehensively the correct methods for handling of chemicals
	+ **Describing** comprehensively the correct methods for storage of chemicals
	+ **Describing** comprehensively the correct methods for disposal of chemicals
	+ Correctly provides a clear understanding of the purpose of PPE when using chemicals providing relevant examples of use
	+ Accurately **describes** the emergency procedures when working with chemicals
 | 5 | A |
| * Presents a thorough knowledge, understanding and demonstration of Work Health and Safety regulations regarding the safe handling and storage of chemicals in an agricultural setting including:
	+ Locating and naming of chemicals used for plants correctly
	+ Locating and naming of chemicals used for animals correctly
	+ **Describing** the correct methods for handling of chemicals
	+ **Describing** the correct methods for storage of chemicals
	+ **Describing** the correct methods for disposal of chemicals
	+ Correctly provides a clear understanding of the purpose of PPE when using chemicals providing relevant examples of use
	+ Accurately **describes** the emergency procedures when working with chemicals
 | 4 | B |
| * Presents a sound knowledge, understanding and demonstration of Work Health and Safety regulations regarding the safe handling and storage of chemicals in an agricultural setting although some details may be lacking, to include:
	+ Locating and/or naming chemicals used for plants and animals
	+ **Describing** methods used for the handling and/or storage and/or disposal of chemicals
	+ **Describes** several pieces of PPE uses when working with chemicals and their purpose
	+ **Describes** some emergency procedures when working with chemicals
 | 3 | C |
| * Presents a basic knowledge, understanding and demonstration of Work Health and Safety regulations regarding the safe handling and storage of chemicals in an agricultural setting to include:
	+ Locating and/or naming chemicals used for plants OR animals
	+ **Identifies** a method used for the handling AND/OR storage AND/OR disposal of chemicals
	+ **Identifies** a piece of PPE used when working with chemicals and/or its purpose
	+ **Identifies** an emergency procedure when working with chemicals
 | 2 | D |
| * Presents a limited understanding or demonstration of the safe handling and storage of chemicals in an agricultural setting to include:
	+ Locate or names a chemical used for plants OR animals
	+ **Identifies** a method used for the handling OR storage OR disposal of chemicals
	+ **Identifies** a piece of PPE used with chemicals
 | 1 | E |
| 1. **Explain the interactions within farming systems**

**(AG5.1, AG5.2, AG5.3)** | **Mark** | **Grade** |
| * Presents an outstanding knowledge and understanding of interactions within a farming system to include:
	+ Comprehensively explaining the interactions between multiple systems including their mutual benefits
	+ Provides examples to support their response
 | 5 | A |
| * Presents a thorough knowledge and understanding of interactions within a farming system
	+ Explaining the interactions between multiple systems
	+ Provides examples to support their response
 | 4 | B |
| * Presents a sound knowledge and understanding of interactions within a farming system
	+ Describing the interactions between multiple systems
	+ May provides an example to support their response
 | 3 | C |
| * Presents a basic knowledge and understanding of interactions within a farming system
	+ **Identification** of different systems located at the farm
 | 2 | D |
| * Presents a limited knowledge or understanding of farming systems to include identification of a system at the school farm
 | 1 | E |