Unit Learning Outcomes

**Subunit 1: Livestock Systems**

* Students will be able to:
	+ Define terms related to livestock digestive systems (Knowledge)
	+ Differentiate between species of livestock digestion systems. (Knowledge)
	+ Label all the parts to a monogastric, modified monogastric, ruminant, and avian digestive system (Application)
	+ Describe the differences within each species on their digestive tracts. (Application)

**Subunit 2: Nutrition**

* The student will be able to:
	+ Recognize the correct feed for their animal (comprehension)
	+ Balance a ration for swine (application)
	+ Define the terminology given during classes and field trips (knowledge, application)
	+ List the sources of nutrients an animal receives through proper nutrition (knowledge, application)
	+ Differentiate needs of animals for nutrition depending on age and purpose. (knowledge, application)
	+ Apply a nutritional diet for an animal depending on needs of the animal. (application)

**Subunit 3: Dissection**

* Students will be able to:
	+ Properly dissect a ruminant digestive system(cattle) and label its parts (application)
	+ Properly dissect a monogastric digestive system (swine) and label its parts (application)
	+ Virtually dissect a modified monogastric digestive system (horse) and label its parts (application)
	+ Properly dissect an avian digestive system (chicken) and label its parts (application)
	+ Distinguish the differences among the four digestive tracts and discuss how they are different (knowledge, application)