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)