**Ruminant Digestion Activity**

**Activity Objectives:**

To improve the student’s comprehension of the ruminant digestive system through creating and presenting a representation of the ruminant digestive system.

**Materials:**

1. Poster board/construction paper/butcher paper
2. Markers
3. String (optional)
4. Paint (optional)
5. Clay/Playdough (optional)
6. Straws (optional)
7. Pipe cleaner (optional)

**Procedure:**

Have students get creative! Ask them to form groups and create a diagram of the ruminant animal digestive system. This diagram should include the following terms:

1. Abomasum
2. Enzymes
3. Esophagus
4. Fermentation
5. Large Intestine
6. Mastication
7. Microorganisms (microbes)
8. Mouth
9. Omasum
10. Papillae
11. Prehension
12. Reticulum
13. Rumen
14. Small Intestine
15. Villi

Ask the students to present their diagram to the class, while providing an explanation and description of each term listed above.

Examples of this activity are included in a separate document in this section. They can be found under “Ruminant Digestion Activity Examples”.