

Lesson 2: Ruminant Digestive System

Name: _____

RUMINANT DIGESTIVE SYSTEM

Objective: Identify the parts of the ruminant digestive system and their functions.

Activity Length: 30 minutes

Procedure:

NOTE: Your instructor may have you work in groups.

1. Choose one of the following parts:

Mouth	Abomasum
Esophagus	Small intestine
Rumen	Large intestine
Reticulum	Anus
Omasum	

2. Research and write down the functions of each part. Students researching the esophagus should also be able to describe the path taken by grain in the digestive system, while those students researching the function of the anus should be able to describe the path taken by forages.
3. Line up in order starting with the mouth and ending with the anus. The person who is representing the mouth is responsible for ensuring the correct order.
4. After lining up, name the part and describe its functions based on your research.
5. The students who have researched the paths taken by grain and forages should describe them.

Key Questions:

1. What are the four compartments of the stomach?

2. What digestive part is known as the true stomach?
3. What is the path taken by hay as it passes through the ruminant digestive system?