Ruminant Digestive System Online Learning Resource

Course: Agri technology 1

Standard: 12.03 Describe a livestock animals’ digestive system.

Content Area: Animal Health and Nutrition

Description: This assignment is meant to give students a hands-on approach to learning about and understanding the digestive system of agricultural livestock. Students will be able to think rationally and creatively to compare the digestive system with every day products using critical thinking processes.

Instructions: Using materials found in and around your home, come up with a design and create a model of a ruminant digestive system. Use your book as a reference for each component of the digestive system. Explain each component using the chart below and then take a picture and email it to your instructor. Keep in mind how you want to connect the products with the different components of the digestive system (ie- different textures, functions, etc) Be creative!

***\*\*ALL BOXES SHOULD BE COMPLETELY FILLED IN\*\****

|  |  |  |  |
| --- | --- | --- | --- |
| **PRODUCT USED** | **PART OF DIGESTIVE SYSTEM RESPRESENTED** | **RATIONALE OF PRODUCT USED** | **PART OF DIGESTIVE SYSTEM FUNCTION** |
|  | Mouth |  |  |
|  | Esophagus |  |  |
|  | Rumen |  |  |
|  | Reticulum |  |  |
|  | Omasum |  |  |
|  | Abomasum |  |  |
|  | Small Intestine |  |  |
|  | Large Intestine |  |  |