

Lesson One – Horse Digestive System

Lesson Objectives

After completing this lesson, participants will be able to:

- Name, locate and describe the functions of the parts of a horse digestive system.
- Correctly label the digestion path as it travels through the digestive system.

Lesson at a Glance

Activity	Materials	Preparation	Approximate class time
FOCUS	<ul style="list-style-type: none"> • Whiteboard/Blackboard • Whiteboard Markers/Chalk • White Paper or Student Notebooks 	1. Draw the parts of the Horse Digestive System on the board. Use slide 2 of the <i>Horse Digestive System</i> slide presentation for reference	5-10 minutes
LEARN	<ul style="list-style-type: none"> • <i>Horse Digestive System</i> slide presentation • <i>Horse Digestive System Student Notes</i> • <i>Horse Digestive System Student Notes – Answer Key</i> 	<ol style="list-style-type: none"> 1. Prepare to present the <i>Horse Digestive System</i> slide presentation 2. Print/Photocopy <i>Horse Digestive System Student Notes</i> 	25-35 minutes
REVIEW	<ul style="list-style-type: none"> • <i>Horse Digestive System Quiz</i> • <i>Horse Digestive System Quiz – Answer Key</i> 	1. Print/Photocopy <i>Horse Digestive System Quiz</i>	10-15 minutes

Horse Digestive System Student Notes

1. The digestive system components are basically sections of the long tube, sometimes called the _____ canal.
2. The _____ is the first part of a horse's digestive system.
3. The alimentary canal is roughly _____ feet long in an average horse.
4. The alimentary canal is also known as the _____.
5. The two main sections of the alimentary canal are: _____ and _____.
6. The foregut has two parts: _____ and _____.
7. The main functions of the stomach are:
 - _____
 - _____
 - _____
8. The main functions of the small intestine are:
 - _____
 - _____
9. The stomach can vary in size from _____ to _____ quarts.
10. The stomach has 3 regions:
 - _____
 - _____
 - _____
11. The saccus caecus region:
 - _____ first mixes with food.
 - It slows the _____ process.
 - If the stomach fills with gas, a ruptured _____ can occur.
12. The fundic region:
 - The fermentation process _____ even more.
 - _____ and _____ of fats and proteins begins.