

Exploring the Digestive System

Team Member 1: _____

Team Member 2: _____

Instructions:

1. Using the table provided create a colour legend for each part of the digestive system.
2. Using the organs and structures page provided, colour the parts of the human digestive system according to your legend.
3. Cut out the organs of the Human Digestive System and place them on your poster paper.
4. Cut out the organ and structure labels and place them correctly on your poster. If necessary use STRAIGHT lines to connect a label to the appropriate organ or structure.
5. Cut out the digestive enzyme processes and place them correctly on your poster.
6. Put your names on the front of the poster.
7. Answer the following Summary Questions. Be sure to provide thorough answers and use complete sentences when appropriate.
8. When complete **YOU MUST** show your teacher who will sign off on your completed work.

Colour	Organs/Structures
	Mouth, Pharynx
	Esophagus, Stomach
	Salivary Glands, Pancreas
	Liver
	Small Intestines
	Gall Bladder, Bile Duct
	Large Intestines

Summary Questions:

1. Why is digestion a necessary process for animals?

2. Digestion starts in the mouth. What two digestive processes occur there?

a. _____

b. _____

3. What is the main function of the stomach?

4. How does the stomach perform this function?

Appendix	Large Intestines	Stomach	Duodenum	Rectum
Pancreas	Small Intestines	Tongue	Anus	
Epiglottis	Gall Bladder	Mouth	Pharynx	
Bile Duct	Salivary Glands	Liver	Esophagus	

5. Name the connecting organ between the mouth and the stomach. _____
6. Name the involuntary rhythmic muscle movement that moves food through the digestive system.

7. Why are the salivary glands, pancreas, liver, and gall bladder considered accessory glands of the digestive system?

8. Why can we live without our gall bladder? What is its main function?

9. What is the main function of the small intestines?

10. How is the small intestine structured specifically to perform this function best?

11. In the space provided, draw a picture clearly showing the structure of villi and microvilli.
12. What is the main function of the large intestines?

13. Why is it important for water to be reclaimed from the digestive system back to the body?

TEACHER SIGNATURE: _____

