

# **THE DIGESTIVE SYSTEM**

## **Objectives:**

1. List the parts of the digestive system and give their functions.
2. Compare mechanical digestion to chemical digestion.
3. Explain the function of the digestive enzymes amylase, protease, and lipase.
4. Explain the results of the chemical digestion of carbohydrates, proteins, and fats and discuss if this digestion occurs in the mouth, stomach, and/or small intestines.
5. Discuss the importance of the liver and pancreas in digestion. List the substances they produce and explain their function.
6. Describe the structure of the villi and explain how its function is related to its structure.

## **VOCABULARY TO BE INCLUDED IN THE NEWSLETTER**

Digestion, Salivary Glands, Epiglottis, Esophagus, Stomach, Pyloric Sphincter Valve, Duodenum, Liver, Gall Bladder, Pancreas, Small Intestines, Mesentery, Villi, Large Intestines, Rectum, Mucous, Feces, Alimentary Canal, Peristalsis, Amylase, Hydrochloric Acid, Pepsin, Lipase, Bile, E. Coli, Essential Amino Acids, Neutral pH, Acidic pH