

Day 20 – 4/28/14

## Student Learning Objectives

By the end of this class you will be expected to understand:

- The process of physical and chemical digestion
- The route of food, nutrients and waste through the body
- The primary functions of the major organs of the digestive system
- The essential process of nutrient absorption

Support videos:

- Digestive System
  - <http://www.youtube.com/watch?v=au6dYIEVGCg>
  - <http://www.youtube.com/watch?v=s06XzaKqELk>

Assigned reading:

- Chapter 14: p326-337

Vocabulary:

- Digestive system
- Alimentary canal
  - Mouth
    - Salivary gland
  - Esophagus
    - Peristalsis
  - Stomach
    - Gastric juice
    - Pepsin
    - Chyme
  - Small intestine
    - Villus
    - Microvillus
  - Large intestine
    - Colon
  - Anus
- Accessory organs
  - Pancreas
    - Trypsin
  - Liver
    - Hepatic portal system
  - Gall bladder
    - Bile
    - Emulsify (*verb*)