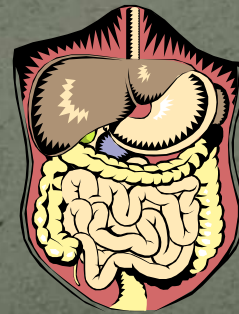


# Chapter 3 – Human Body Systems

## Lesson 2 –

# The Digestive System




# What is digestion?

- **Digestion:** breaking down food into simpler substances that your body can use

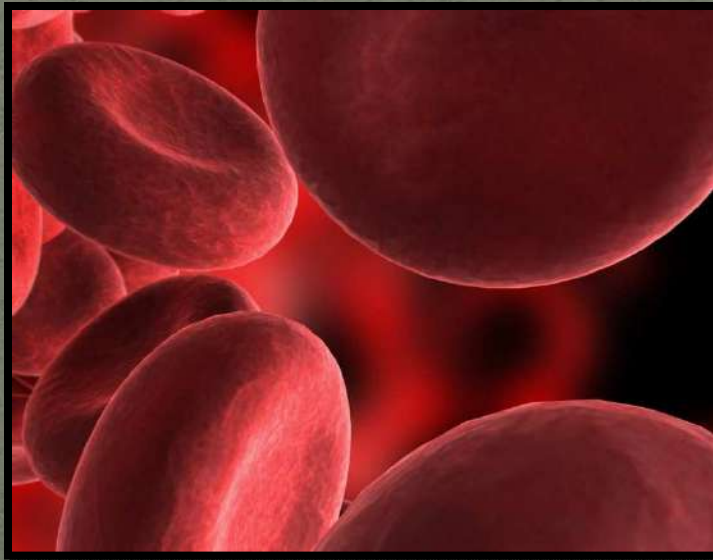


# What is digestion?

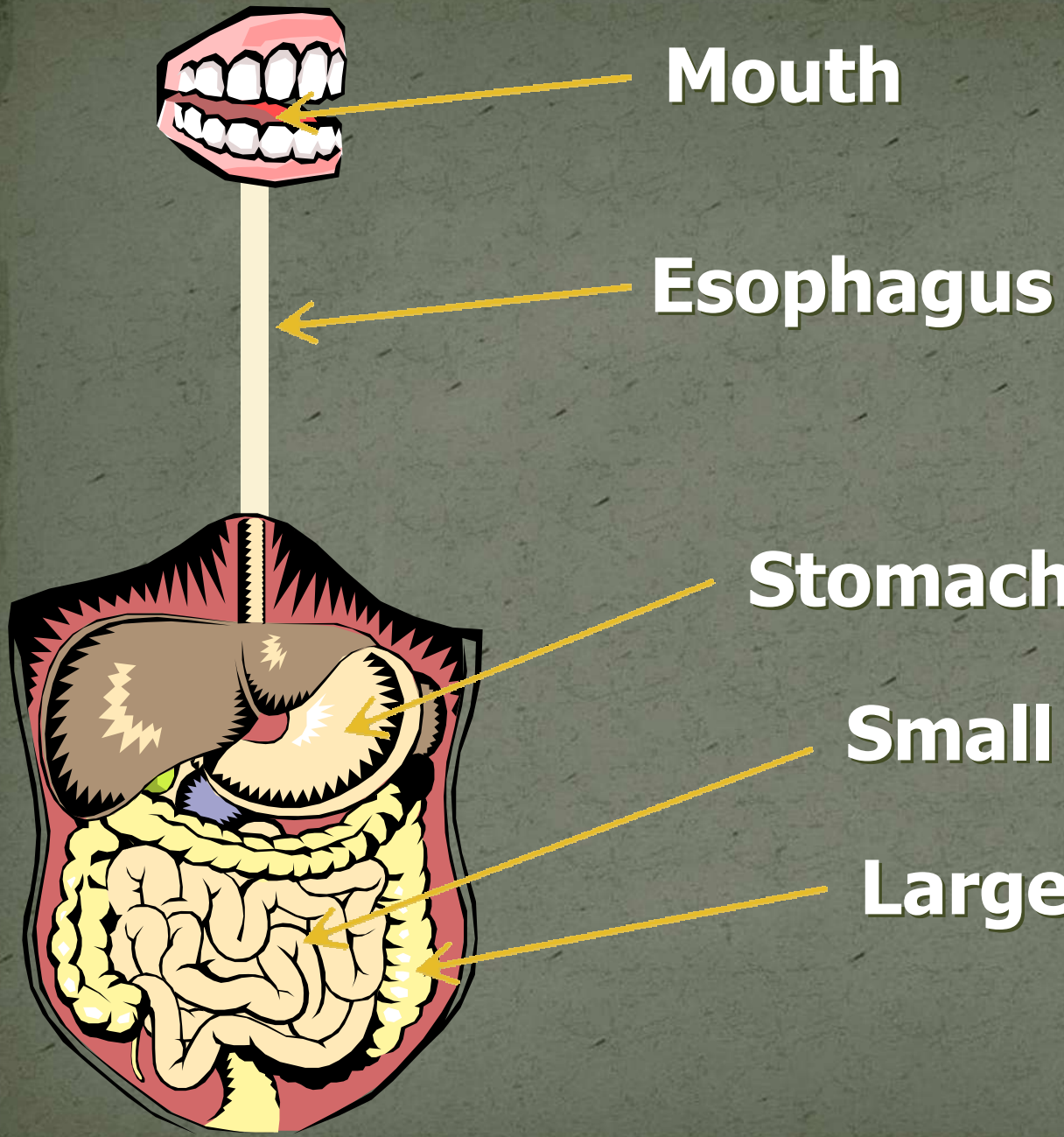
1. Your teeth break down food into smaller pieces. 
2. **Saliva** in your mouth helps break down food into **nutrients** (food your cells can use).
3. The process continues in other organs.

# What is digestion?

4. The nutrients pass into your blood, and the blood carries them to your cells.



# The Digestive System



**Mouth**

**Esophagus**

**Stomach**

**Small Intestine**

**Large Intestine**

# Where does digestion begin?

1. Digestion begins in the **mouth**.



2. The food then enters the **esophagus**, a long muscular tube that moves food into the stomach.

# Where does digestion begin?

3. Food then enters the **stomach**.
4. The walls of the stomach produce chemicals that further break down food.
5. Muscles in the walls squeeze (contract) over & over, mixing food with the chemicals.
6. Food becomes a soupy liquid.

# How is food broken down further?

7. Food then moves into the **small intestine**, a long, coiled tube-like organ.
8. Other organs like the pancreas and liver add digestive juices to the small intestine.
9. This is where nutrients pass into the blood.



# What are the parts of the large intestine?

- 10.** Food that is not digested (waste) moves into the **large intestine.**
- 11.** Solid waste (feces) is then pushed out of the body.

**All images courtesy of  
Microsoft Office Online.**