

# Digestive Quiz Study Guide

When you eat you put food into your mouth. Inside your mouth your teeth grind, tear and chew your food. Your tongue helps move the food around as you are chewing. You have two glands that give off saliva into your mouth. These are called salivary glands.

When you swallow, the food goes down your esophagus to your stomach where it is churned up. The epiglottis closes when you swallow so that food can't get down your windpipe. If food would go down your windpipe you would choke.

Your liver is the largest organ in your body. Its job is to break up fat from foods with the bile that is made there. The extra bile that is not being used is stored in the gall bladder.

From your stomach the food goes to the small intestine. Digestive juices are squirt into here from the pancreas. Inside the small intestine are millions of hair-like things called villi. These villi are filled with blood vessels that carry nutrients to all the cells in your body.

When the nutrients get to the cells, the cell membrane is protecting it. The cytoplasm gives each cell its own shape. Inside the cell the vacuoles store the food while the mitochondria use the food to give you energy. The brain of the cell is the nucleus.

From the small intestine, the food parts that are not needed go to the large intestine. Solid waste goes out the rectum while liquid waste goes out the bladder. Your appendix doesn't have a job in the digestive system, but if it gets infected you will have to have surgery to remove it.