



Westminster College

SECTION 4: DIGESTION

LAB

INTRODUCTION

The body consists of various systems. The mouth, esophagus, stomach, small intestine, and large intestine make up the digestive system. It takes one minute for food to move from the esophagus to the stomach where it will remain for an hour. Food will then spend four hours in the small intestine and 15 hours in the small intestine. Students will learn more about each step of the digestive system through a series of demonstrations and experiments in this lesson.

ASSESSMENT ANCHORS ADDRESSED

PURPOSE

Students will study the sequential steps of digestion and the roles of teeth and the mouth, esophagus, stomach, small intestine, large intestine, and colon in the function of the digestive system.

MATERIALS

For the class:

Sandwich bags	Unsalted soda crackers
Iodine solution	Benedict's solution
Hot pot	Pyrex measuring cup
Stethoscope	Water*
Paper towels	Cups
Knife	Celery stalk*
Jar	Food coloring
Dialysis tubing	

*Teacher provides items marked with **