**SECTION 4: DIGESTION**

## LAB

**INTRODUCTION**

**Westminster College**

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

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| **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 \**

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