



***Passports: Adventures in Learning
The Human Body Series: Digestive System
Curriculum Guide gr. K-2***

With the holiday seasons come cooking and eating. And eating! So, we thought the digestive system would be a great human body system to study in December.

Our digestive system breaks down food and sorts it into energy, fat and waste. How does it do that? What parts of our body make up the digestive system, and how do they work together to make sure we get what we need from our food? Join Maria as she breaks down the systems of the human body so we can understand how logically we are organized, yet how complex our physical bodies really are.

OBJECTIVES:

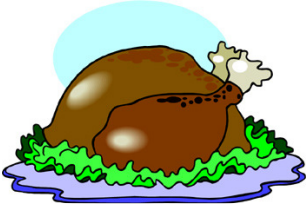
Introduce the process of digestion

Review the organs of the digestive system

Introduce the functions of the digestive system

Key words – Student can identify the location of each body part of the digestive system

- teeth
- mouth
- tongue
- stomach
- intestines



Dinner With Grandpa

Directions: Read the following story with students and answer the question together.

Christie was happy. Grandma and Grandpa were coming over. Christie liked to play with Grandma and Grandpa.

Christie played with Grandma and Grandpa outside. She ran. She rode her bike. She climbed up a tree.

Mom called Christie for dinner. Mom called Grandma and Grandpa, too. Christie did not want to eat. She wanted to play.

"Christie!" Mom yelled.

"I want to play!" Christie yelled back. "I do not want to eat now."

Grandma and Grandpa talked to Christie. "We are hungry," they said. "Please come eat with us."

"OK," Christie said.

Grandpa said, "Good girl, Christie. You will be happy you had dinner. Food helps you to play."

Christie and Grandpa sat down to eat.

¹"Your body has a food factory in it. Do you smell the food your Mom made?" Grandpa asked.

"Yes," said Christie. "My mouth is wet."

"That's how your food factory starts. Your mouth gets wet. Your teeth chew the food. Big food gets smaller."

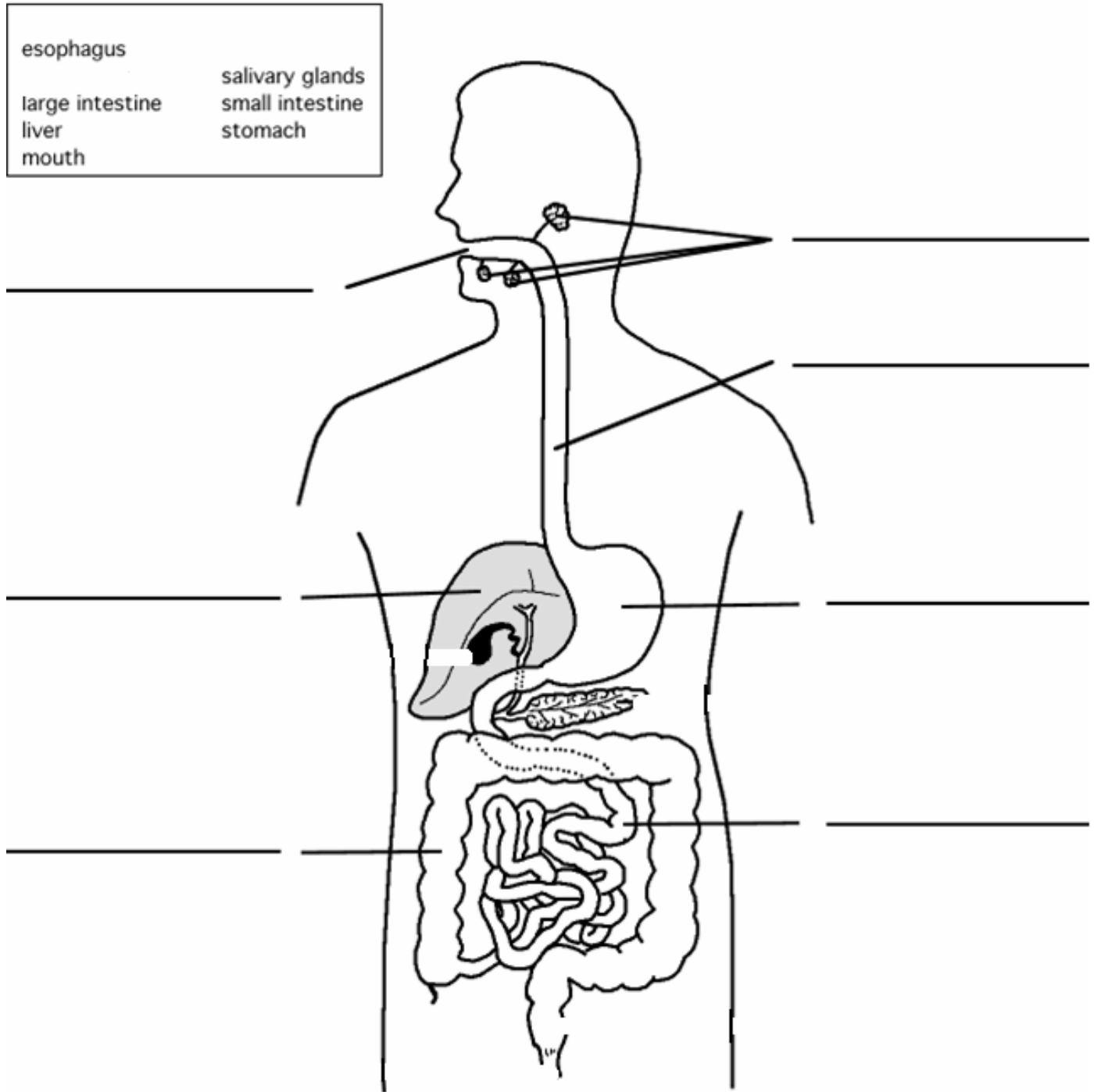
"What happens next?" said Christie.

"The food gets so small. It can fit down a tube. It goes to your stomach. The stomach is a big bag. It can hold all the food you eat. It makes the food even smaller."

Questions:

1. From your mouth, food goes down a big _____.
2. Is your stomach like a big bag? _____
3. What happened to Christie's mouth when she smelled the food? _____
4. In Christie's food factory does food get smaller or bigger? _____
5. How do Christie's teeth help her eat? _____

Assist students in labeling and coloring the parts of the digestive system.



Discussion/Writing Prompts

- If you met your stomach, what would you ask or tell it?
- If you met your teeth and tongue, what would you ask or tell them?
- My tongue and teeth help me....
- My stomach helps me.....
- My favorite food is...because....
- What happens to the food after you eat?
- What do you know about the process of digestion?
- When I am hungry I feel...

Teacher Resources

<http://www.yucky.com/body/systems/digestion>

Activities and fun facts related to digestion

<http://www.can-do.com/uci/ssi2002/digestivesystem.html>

This site has on-line activities and graphics about digestion for grades 6-12

Organs of the Digestive System

