

Explore the Human Body – Digestive System

CORINTH

Digestive System

- Digestive system is a set of organs in the body responsible for receiving food, breaking it down (digestion), and absorbing nutrients. What the body does not need is excreted as waste.
- **What happens to food in the body?**
- **Ingestion** – food enters the mouth.
- **Mechanical processing** – food is chewed by teeth and mixed with saliva.
- **Swallowing** – food travels through the pharynx and esophagus into the stomach.
- **Chemical digestion** – in the stomach and small intestine, food is broken down into nutrients.
- **Absorption** – nutrients are transferred from the small intestine into the blood.
- **Elimination** – undigested remains pass into the large intestine and then out of the body through the rectum.

Main organs

Organ	Function
Mouth	Chews food and mixes it with saliva.
Pharynx and Esophagus	Move food into the stomach.
Stomach	Mixes food and begins breaking down proteins with gastric juices.
Small Intestine	Completes digestion, absorbs nutrients into the blood.
Large Intestine	Absorbs water, forms stool.
Rectum	Stores stool until it is excreted.

Supporting Organs



Organ

Function

Liver

Produces **bile**, which helps digest fats.

Pancreas

Stores bile.

Gallbladder

Produces **digestive juices** and hormones (e.g., insulin).

Goal of Today's Lesson

Explore the digestive
system in 3D and VR

Materials

VR headset, Corinth app



Try it Yourself

Find out the path food takes through the body and briefly describe what happens in each part:

- **Mouth**
- **Esophagus**
- **Stomach**
- **Small Intestine**
- **Large Intestine**
- **Rectum**



Think About It...

Pick two organs and write:

- What is their function?
- What did you notice in the 3D model?
- What do they look like?



Research Task...

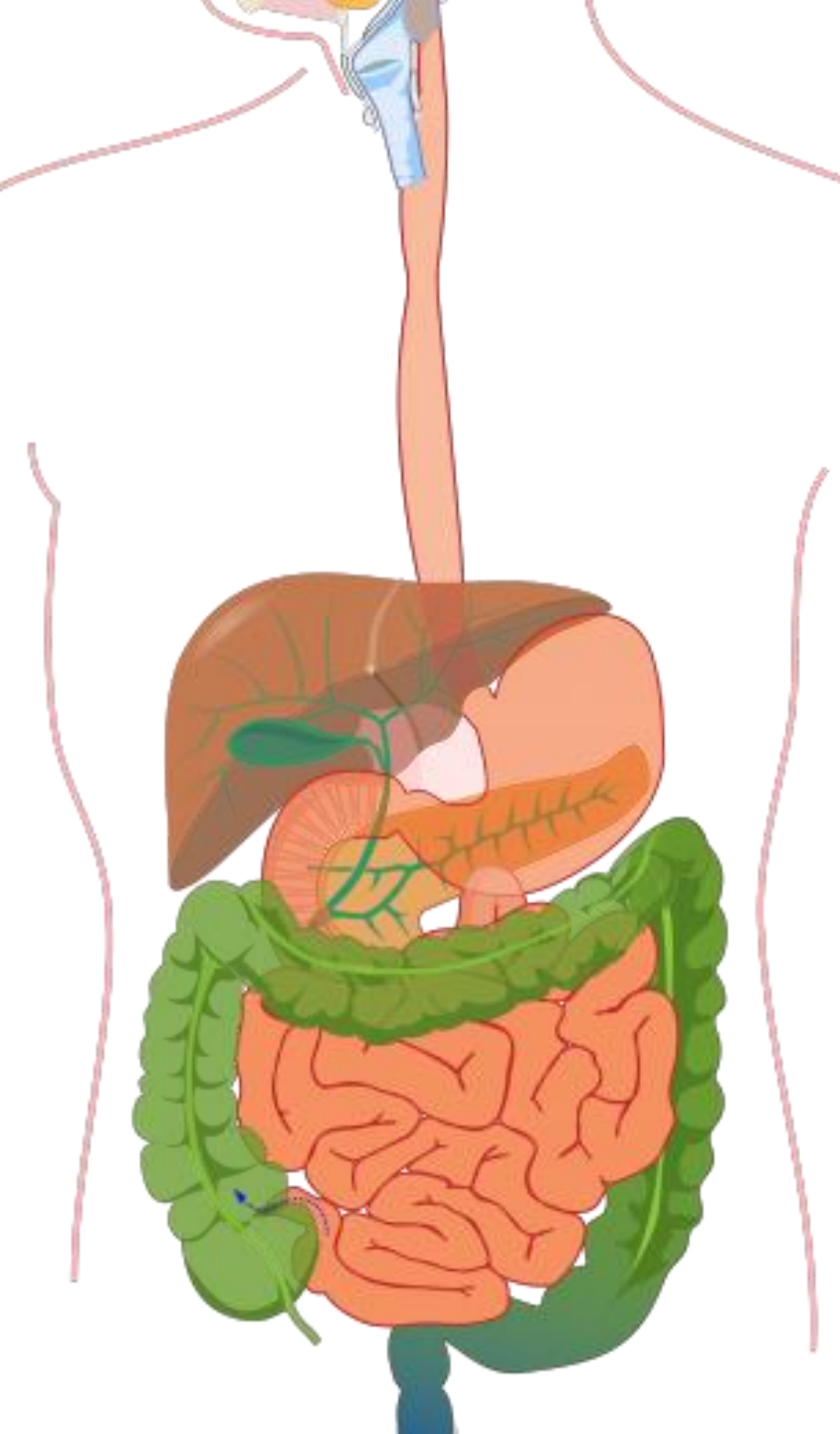
- What would happen if the small intestine didn't function?
- Why is fiber important in our diet?



Today's Mission...

- Draw the digestive system as seen in the 3D model.
- Write a story: “*How my favorite food travels through my body.*”





Thank You

Corinth helped us look inside the human body in 3D. Learning was more visual and fun.