

## Lesson Plan

# Digestive System Animation

## Summary

Students create an animation showing how food travels through the digestive system. As an extension of the activity students could identify the parts of the digestive system, their location, and function.

- Grades: 6-8
- Students critically curate a variety of resources using digital tools to construct knowledge, produce creative artifacts and make meaningful learning experiences for themselves and others. **(ISTE standards: knowledge constructor)**
- Use argument supported by evidence for how the body is a system of interacting subsystems composed of groups of cells. **(NextGen Science Standards: MS - LS1- 3)**
- Time: 60 minutes

## Teaching Plan

### *Learning Context*

Have students make a list of organs that food passes through in the digestive system in order. Show the correct order to students and have them compare their list to this. Discuss what each organ does in the digestive system.

- Mouth
- Esophagus
- Stomach
- The small intestine
- Colon (large intestine)
- Rectum

Use a physical model of the digestive system to demonstrate how food travels through the digestive system and the function of each part of the digestive system. Show students a [sample](#)

[animation](#) from the website. You may also want to show a video describing how the digestive system works (see resources).

## *Procedure*

Explain how to create the digestive system animation by following the student instructions. Share a copy of the starter slides and have students make a copy of it. Give students a copy of the student instructions.

Check as students create their animation to make sure that the food is traveling through the digestive system correctly.

Encourage students to think about the food's trip through the digestive system:

- How will the food change as it passes through the digestive system?
- Will the food stay in some parts of the digestive longer than others?
- Does food travel through all parts of the digestive system?

The activity can be extended by having students describing the roles of different parts of the digestive system as the food passes through or near them.

When students are finished they create the animation by publishing the slides to the web and changing the timing (see student instructions) and then sharing the link with you.

## Materials

- Google Slides
- Google images
- Sample Animation
- Student starter Google Slides

## Resources

[Student starter slides](#)

[Creating animation using Google Slides](#)

[Digestive animation example](#)



[How your digestive system works](#)

[How the digestive system works \(Kidshealth.com\)](#)

[Facts about the digestive system that may surprise you](#)

[Digestive system online puzzle](#)

[Digestive system explained](#)

