

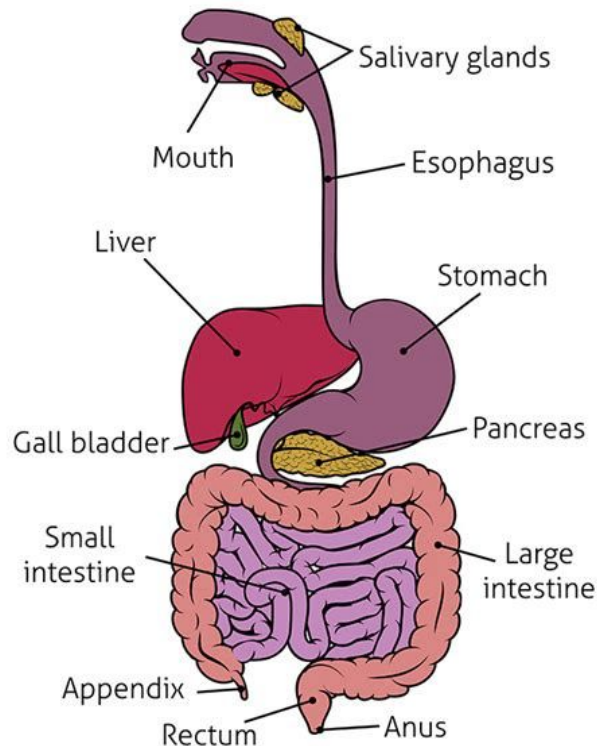
## Grade 3: Lesson 4

### **Science Concept: Main Parts of the Digestive System**

Digestion is a process in our bodies which involves breaking down the food we eat into smaller parts so that our bodies can absorb energy really easily. The digestive system is the bodily system responsible for processing our food and extracting the nutrients from it. This system is made up of a really long tube from your mouth (where food enters your body) to your anus (where food leaves the body), called the digestive tract or alimentary canal, and lots of other organs which help us digest our food.

### **Fun Facts**

- A simple name for the oesophagus is the *gullet*.
- The waste material that exits the body through the anus is called *faeces*.



### **Supplementary Teaching Video Link:**

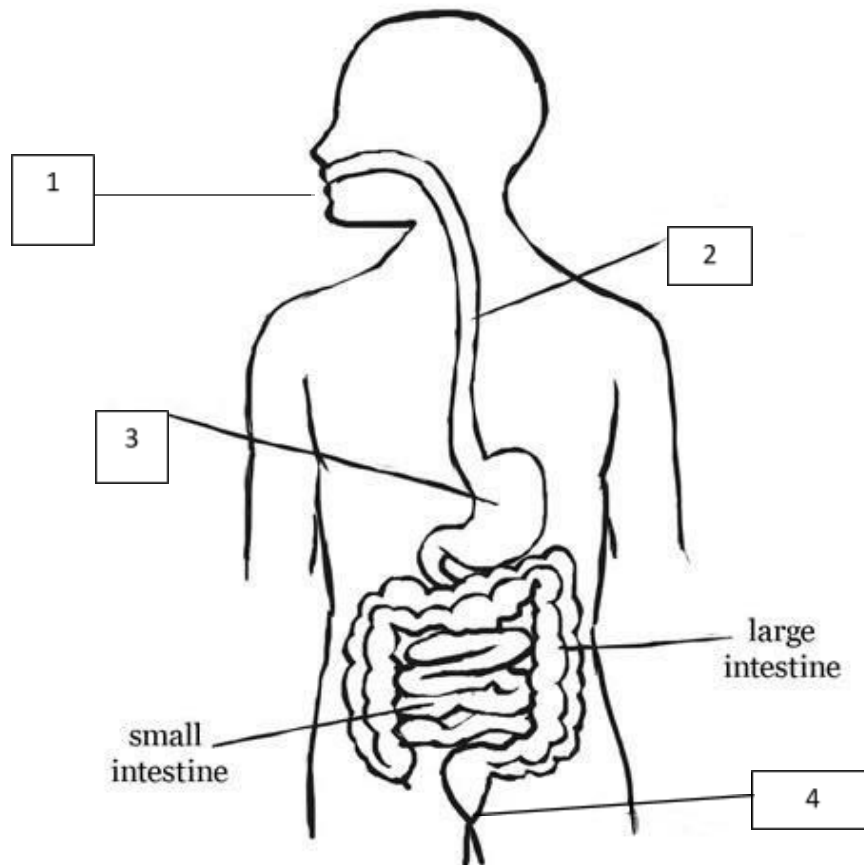
Watch this video for today's science lesson: <https://www.youtube.com/watch?v=9znLCDpjb1o>

## Science Concept Reinforcement Questions:

Hello everyone! Answer these questions based on the video you just saw

1. Digestion starts in the \_\_\_\_\_ .
2. The stomach secretes \_\_\_\_\_ .
3. Most of digestion occurs in the \_\_\_\_\_ .
4. Any substance the body has not yet absorbed goes to the \_\_\_\_\_ .
5. In the large intestine, the body absorbs the substances it needs and \_\_\_\_\_ .

## Supplementary Concept Reinforcement Exercises



*fig. 1: Normal male gastrointestinal tract*

1. Hey students! For this special exercise, you are going to have to name the numbered parts of the digestive system.

- 1) \_\_\_\_\_
- 2) \_\_\_\_\_
- 3) \_\_\_\_\_
- 4) \_\_\_\_\_

2. Final question! The substances the body does not need or “the waste material” leave the body through the:

- a) Mouth
- b) Ears
- c) Anus
- d) Nose

### **Scratch Software**

I hope you guys learned a lot this week! Create an animation in Scratch that explains one part of the digestive system. For example, you can make an animation explaining what happens in the mouth.

### **Scratch Software Walkthrough/Resource Links**

Here you will find some really helpful resources to help you do your project

<https://www.sciencebuddies.org/science-fair-projects/references/adding-images-sprites-to-a-scratch-program>

<https://junilearning.com/blog/coding-projects/how-to-make-scratch-sprite-move/>

<https://code.tutsplus.com/tutorials/creating-backdrops-and-sprites-in-scratch--cms-24121>