

Digestive System

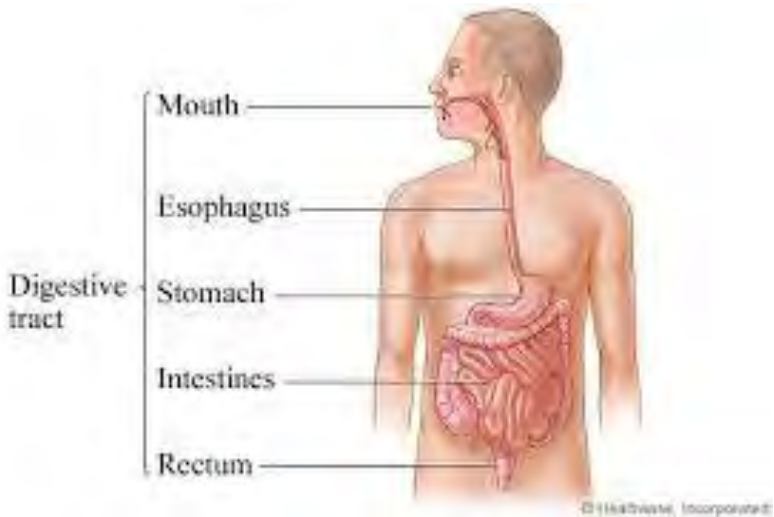
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Purpose

The digestive system is where the breakdown of food into smaller parts occurs. These parts allow our body to soak them up and blend them into the body to use for energy.



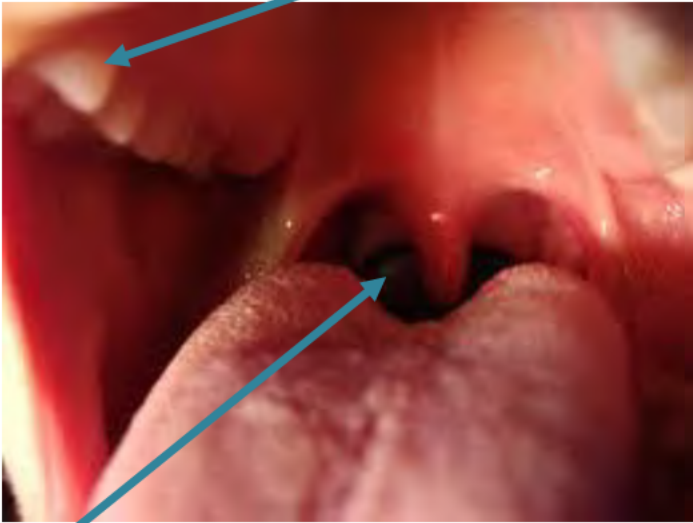
Steps

There are three main parts that make up the digestive system: the mouth, the stomach, and the intestines.

Mouth

The mouth is where the **mastication**, or chewing, of the food occurs. The upper and lower jaws work together to mechanically break down the food for the body to absorb.

Teeth break down your food!



Esophagus is how the digested food gets to your tummy!

Stomach

After you swallow your food, it goes to the stomach for several hours.

Here is where digestive fluids break down food even more.

Which do you think stays in your stomach for longer?



Breakdown!

Watermelon breaks down faster, so only stays in your stomach for about 20 minutes. A tomato takes about 40 minutes to break down completely.



Why do you think this is?

Watermelon is mostly water, so the molecules wouldn't be as hard to break down as the tomato.

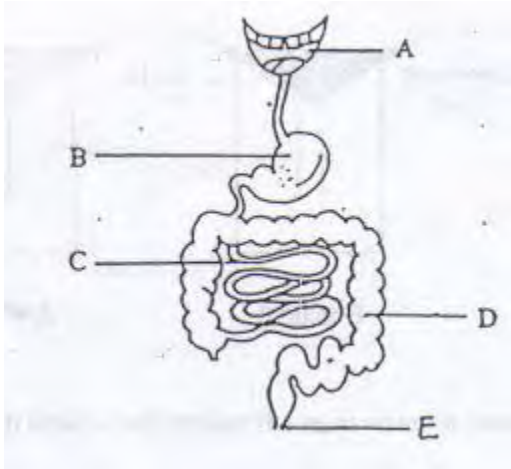
Small intestine

This is the last step of the breakdown of food. From here, the small molecules of food enter the bloodstream and travel all over your body to give you energy

These parts actually
make up one really
long tube!

Large intestine

Food that cannot be transported into the bloodstream goes to the large intestine. You get rid of the food that is stored here by going to the bathroom.



Use what you know to fill out this diagram of the digestive system!

COMMON CORE STANDARDS

[CCSS.ELA-Literacy.RI.5.4](#)

Determine the meaning of general academic and domain-specific words and phrases in a text relevant to a *grade 5 topic or subject area*.

[CCSS.ELA-Literacy.RI.5.3](#)

Explain the relationships or interactions between two or more individuals, events, ideas, or concepts in a historical, scientific, or technical text based on specific information in the text.

[CCSS.ELA-Literacy.RI.5.9](#)

Integrate information from several texts on the same topic in order to write or speak about the subject knowledgeably.

Works Referenced

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