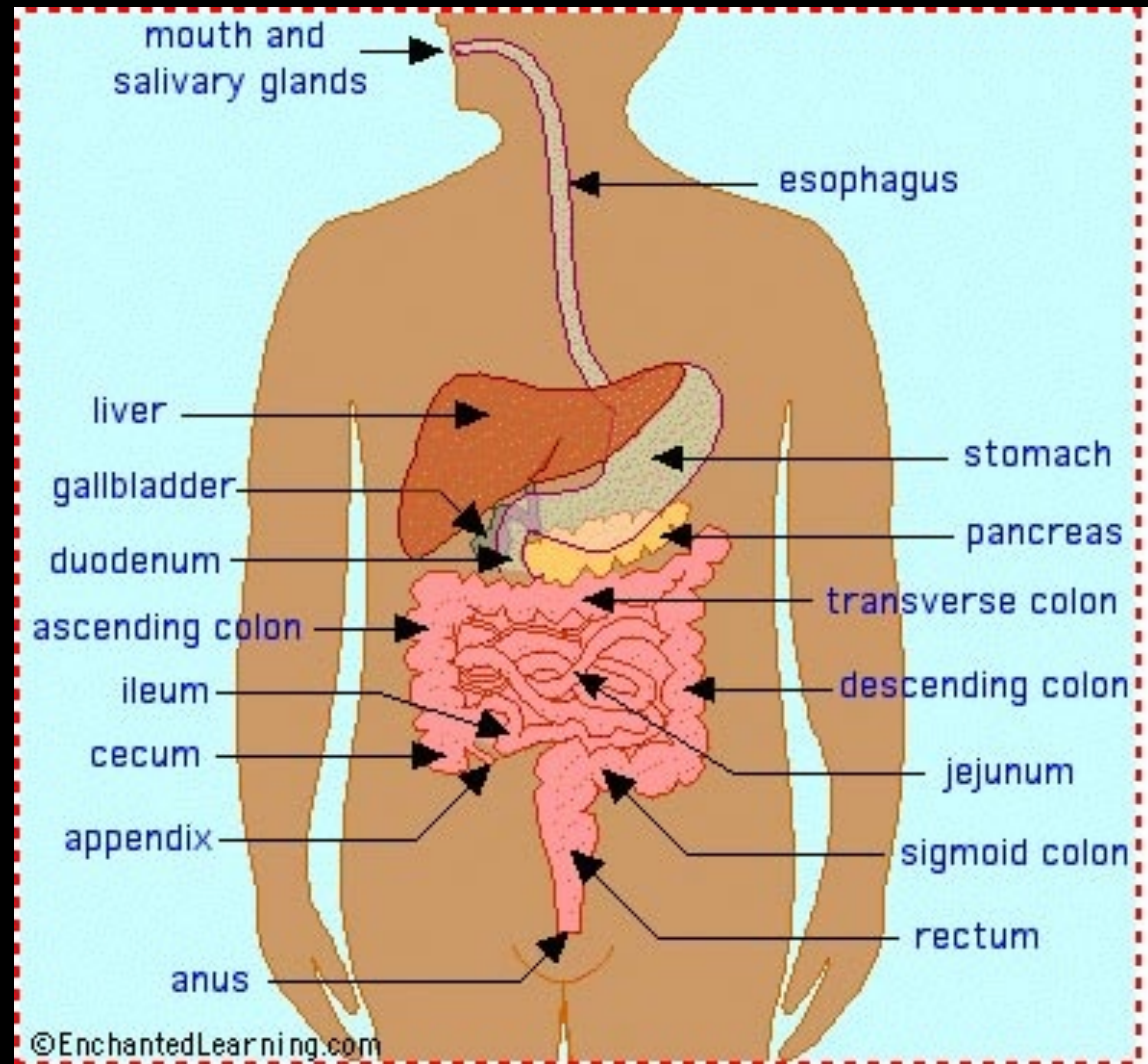




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# The Digestive System - Introduction

The body needs food to give it energy to make it grow and to repair itself. The food we eat is made up of complex substances called nutrients.

In the human digestive system, the process of digestion has many stages, the first stage which starts in the mouth. Digestion involves breakdown of food into smaller and smaller bits.





*This is a picture of the mouth.*

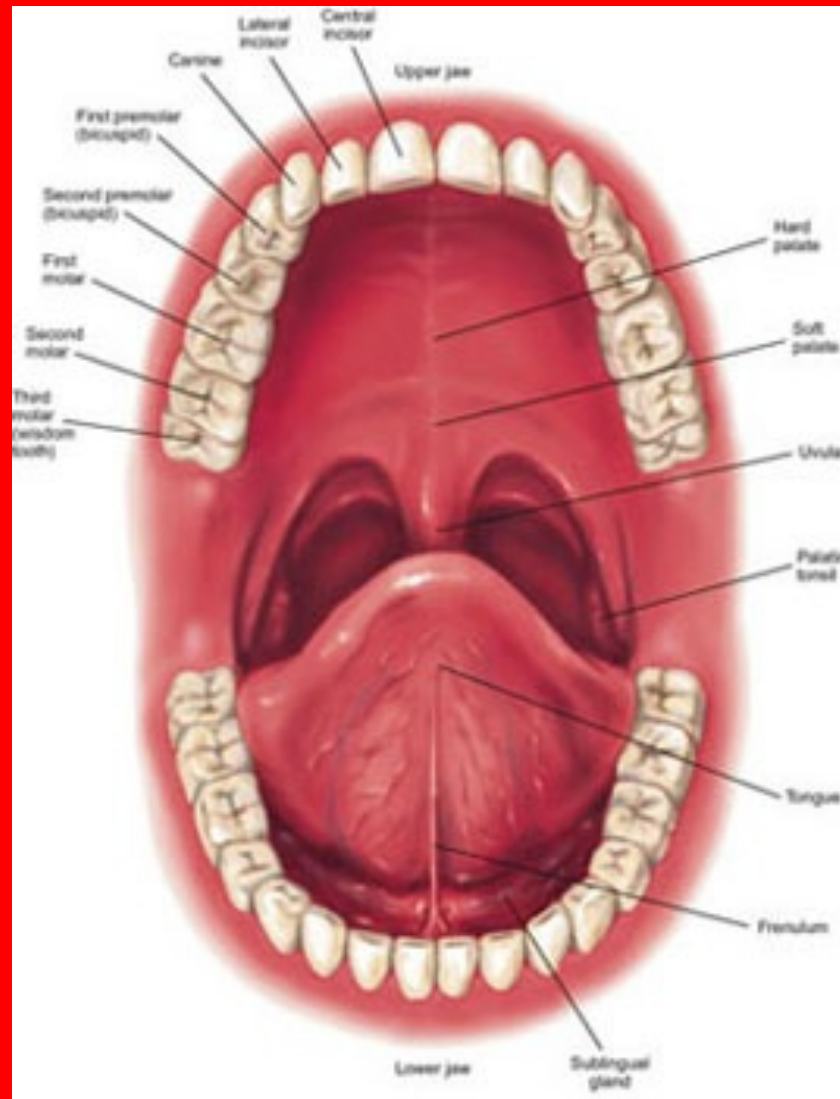
## The Mouth

When you chew it goes into little bits. Your tongue rolls it up into little balls. Then you swallow it!

In your mouth your food gets saliva on it and then you chew it up.

## The tongue

The tongue is very special because the tongue rolls the food up into little balls just before you swallow it. In your mouth it helps if you use your tongue.



## The teeth

Did you know you have different types of teeth you have molars, premolars, canines and incisors?

## Fun facts

- You have 4 types of teeth
- In your mouth you chew up the food
- Your tongue rolls your food up into little balls

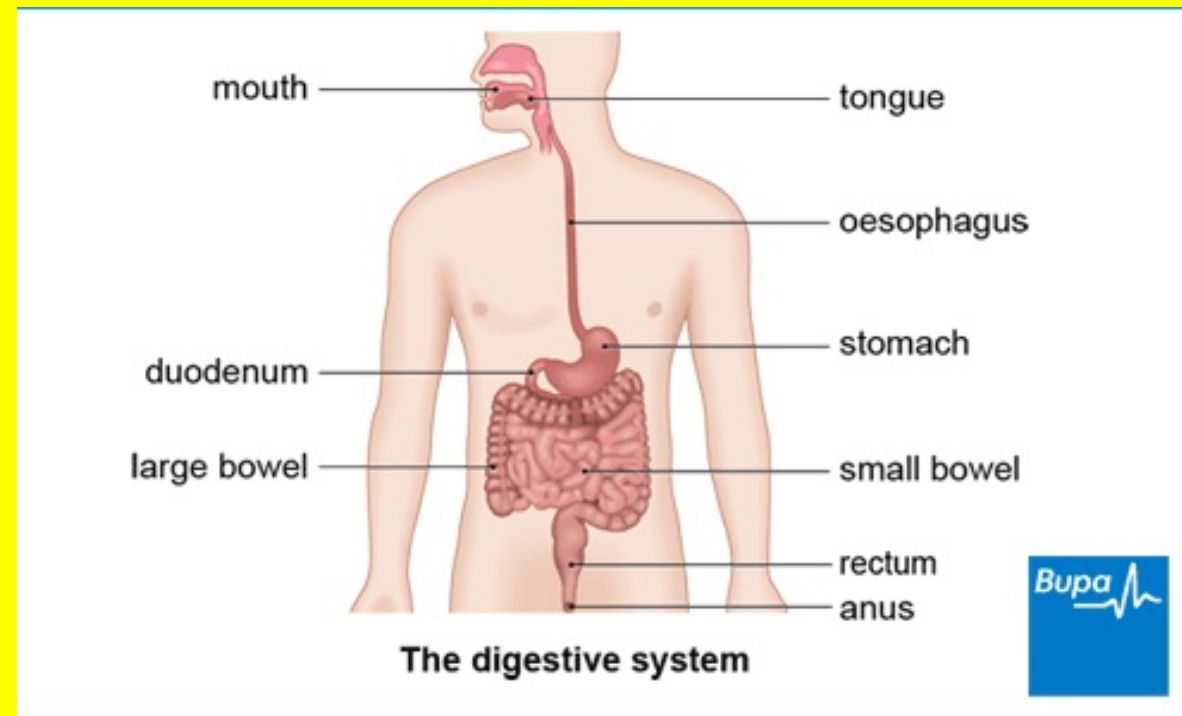
# The Oesophagus

## What is the oesophagus?

The tube from your mouth to your stomach is called the oesophagus.

The oesophagus starts at the back of your mouth and ends at your stomach. Once you have chewed your food it goes down the oesophagus. In the oesophagus it's very important that your food goes down the right way.

*You can see the oesophagus on this picture.*



## Fun facts

- The oesophagus is something that helps you digest!
- The oesophagus is something what helps takes your food down into the stomach!

# The stomach

## What the stomach does

The stomach breaks down the food into building blocks so it can digest better. Stomach acid kills off all the little germs in the food.

While the food stays in the stomach more enzymes break down things like proteins.

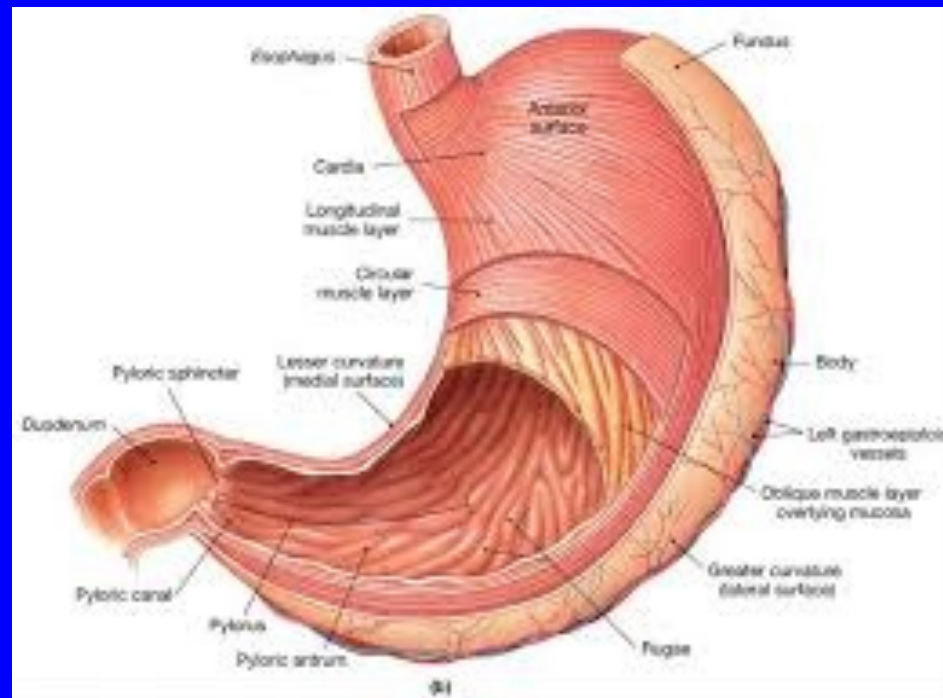
## Fun facts

- Did you know your food stays in your stomach for 4 hours

## What is a stomach.

In the stomach and the small intestine when ever your tummy rumbles it means your small intestine and stomach is doing its normal movements.

*A cross section of the stomach.*

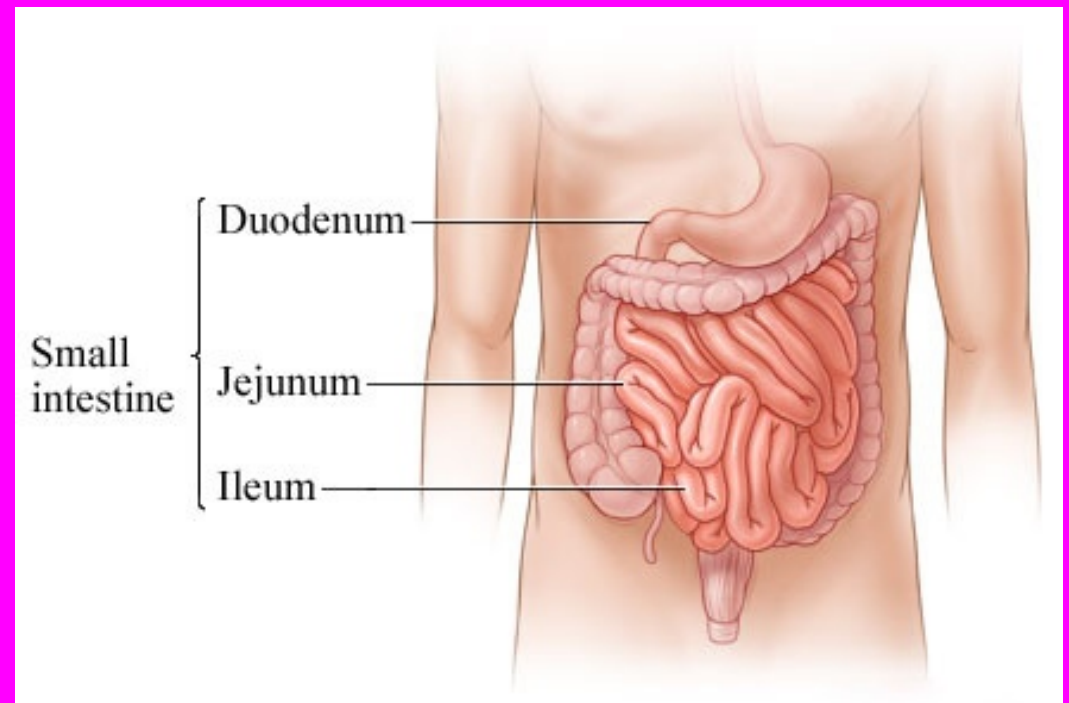


# The Small Intestine

The small intestine is the longest part of the digestive system where the food is broken down into useful nutrients.

The small intestine makes a runny soup then takes out the food chemicals your body needs.

Your small intestine is a long wiggly tube which breaks down food and sends nutrients into the blood.



*The parts of the small intestine.*

## Fun facts

- The small intestine when it's stretched out it's the biggest thing in your digestive system.
- The small intestine carries blood.

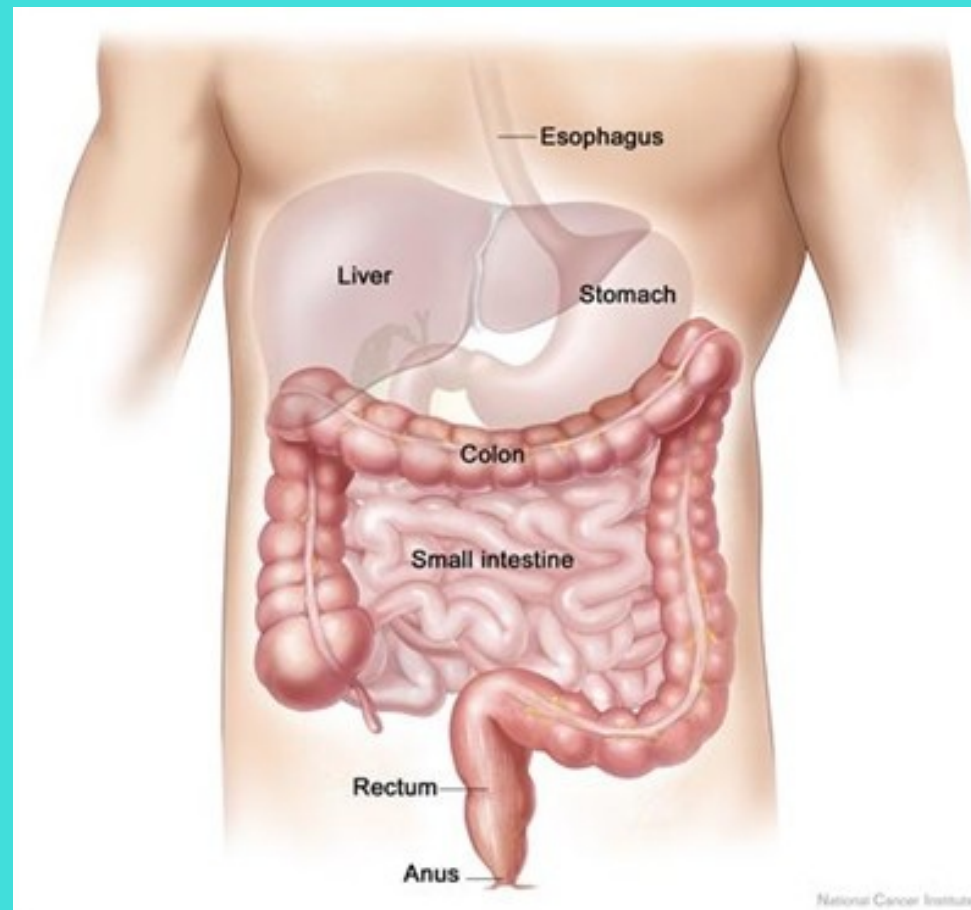
# The large intestine

The large intestine collects food that you can't digest. It takes water out of your food leaving lumpy lumps of sludgy lumps.

The walls of your large intestine absorb the water out of you.

## Fun facts

-The large intestine absorbs water from the waste.



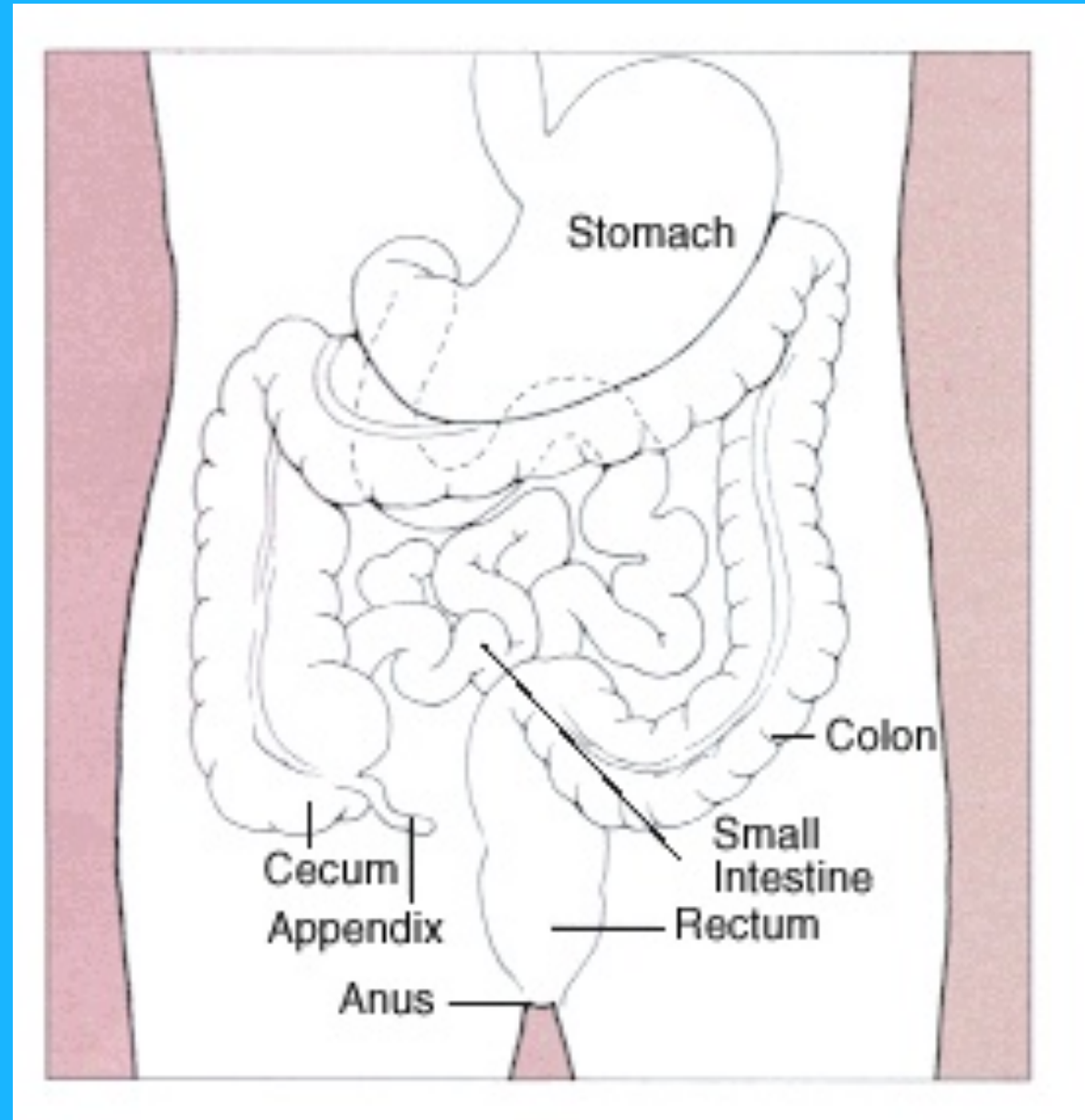


# The rectum and anus

The rectum is a little waiting room! After you digest your food it waits in the rectum. The anus is where the poo comes out!

## Fun facts

- The rectum is a little waiting room.
- The anus is where the poo comes out.



By  
Symon  
Olivia  
Robbie  
Matthew  
Katie

***This book is all about the human body and about all of the different body parts. We hope you like it!***