

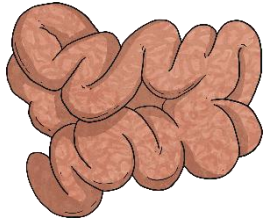


Year 4
Animals including
humans
Parts of the digestive
system

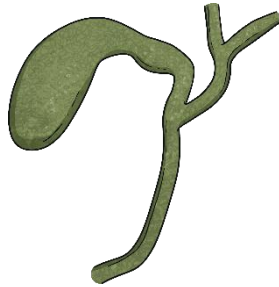
Parts of the digestive system

Today, we are learning about the parts of the digestive system. You might be familiar with some already. Can you identify any of them from these pictures? Have a look and see what they might be.

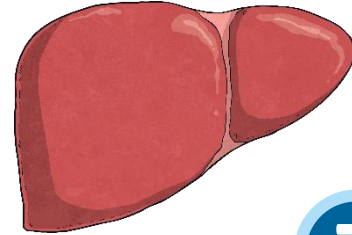
1



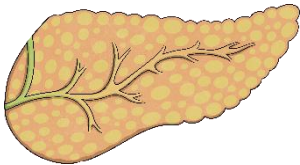
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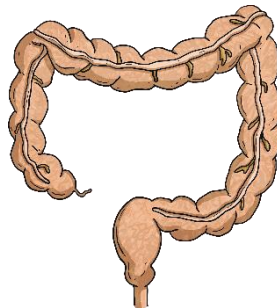
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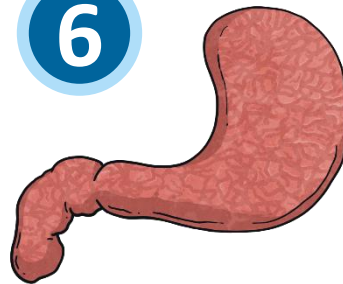
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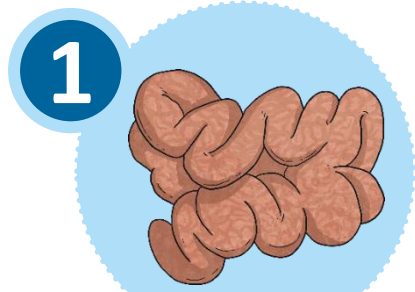


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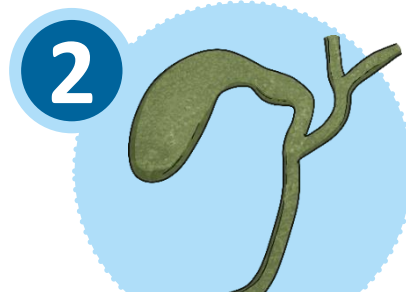


Parts of the digestive system

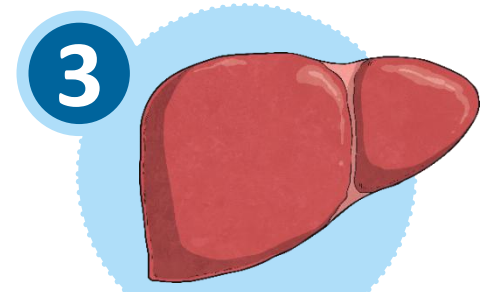
Which parts did you identify?



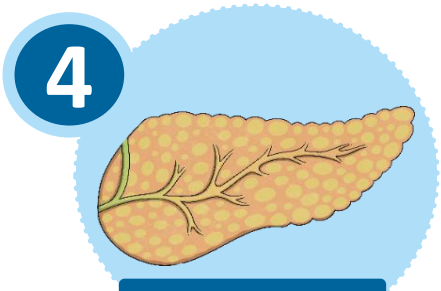
small intestine



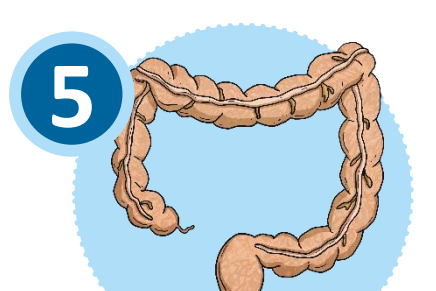
gall bladder



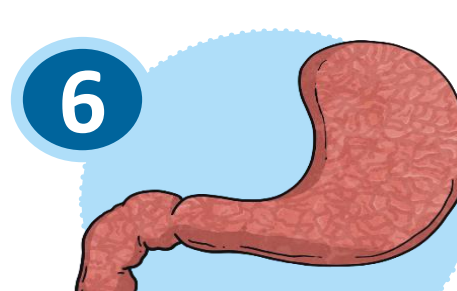
liver



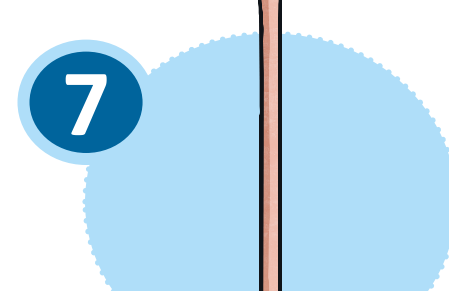
pancreas



large intestine



stomach



oesophagus

Digestive organs and their functions

What is the role of the digestive system?

- The organs in the digestive system work together to break down food so the nutrients in it can be used by the body.
- Animals (including humans) cannot make their own food and so need a balanced diet full of different nutrients to stay alive and healthy.

Human bodies need nutrients to

- ✓ provide energy
- ✓ help growth and repair
- ◇ ✓ absorb vitamins
- ✓ fight infection and keep healthy
- ✓ help get rid of waste



Digestive organs and their functions

- Now that we understand more about the role of digestive system, we are going to focus on the function (job) of the different parts



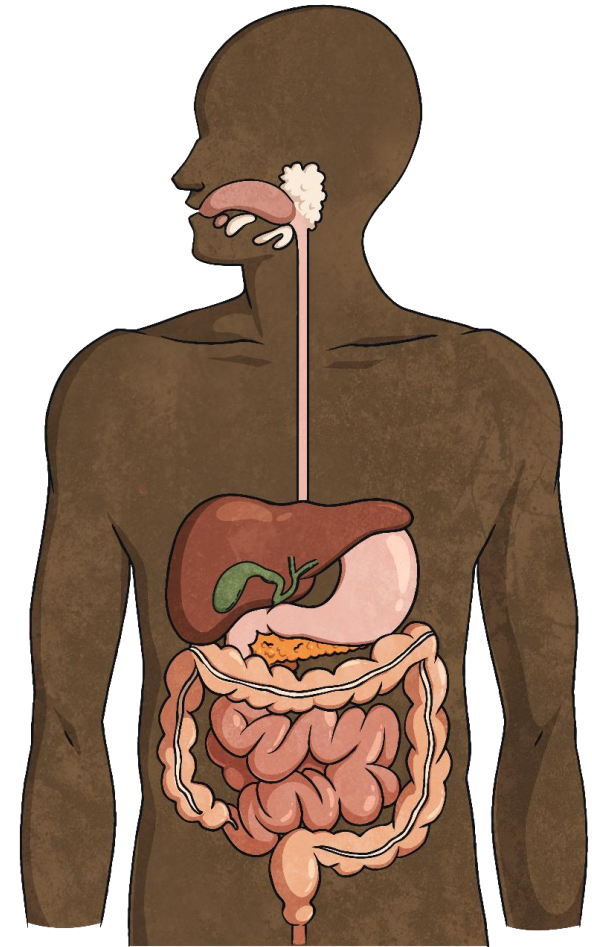
Think and discuss: How do the different parts of the digestive system work?



How do they help humans digest food?



Where does digestion start and finish?



Digestive organs and their functions



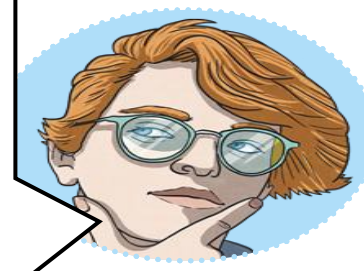
What is an organ in science?

- **Definition:** An organ is a group of tissues (materials that animals are made from) that work together to perform a special function (job), e.g. heart, lung, brain, stomach.

Organs work in groups called **organ systems**. The organs of the digestive system work together to help humans to digest their food.

Did You Know...?

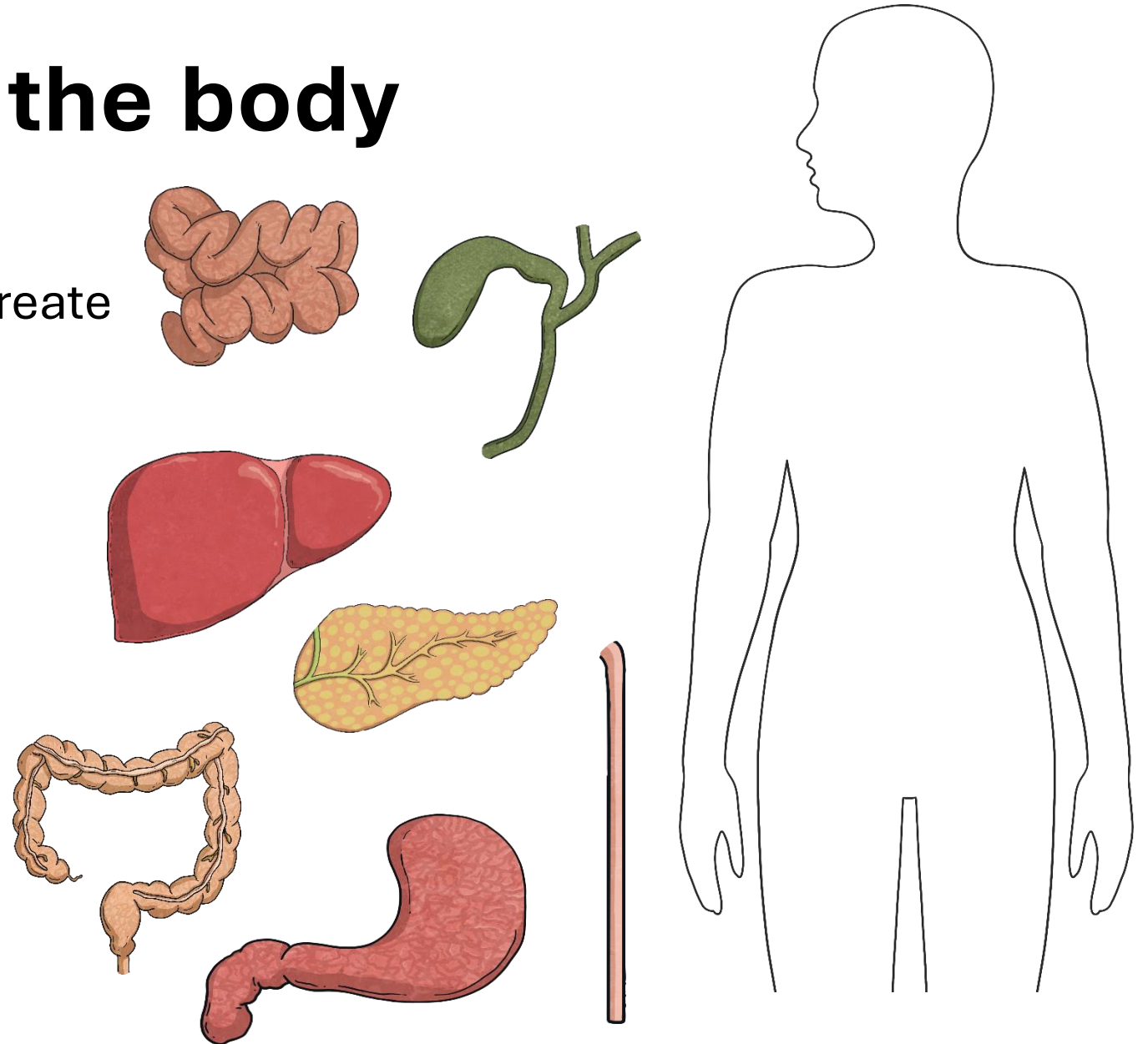
People usually think of organs as being completely inside your body but teeth are still an organ. Scientists consider them to be a special type of organ because they are found close to the outside of the body just like hair and salivary glands too.



Locating organs in the body

- Work in a group to draw round one person on the large paper and create a human body outline.

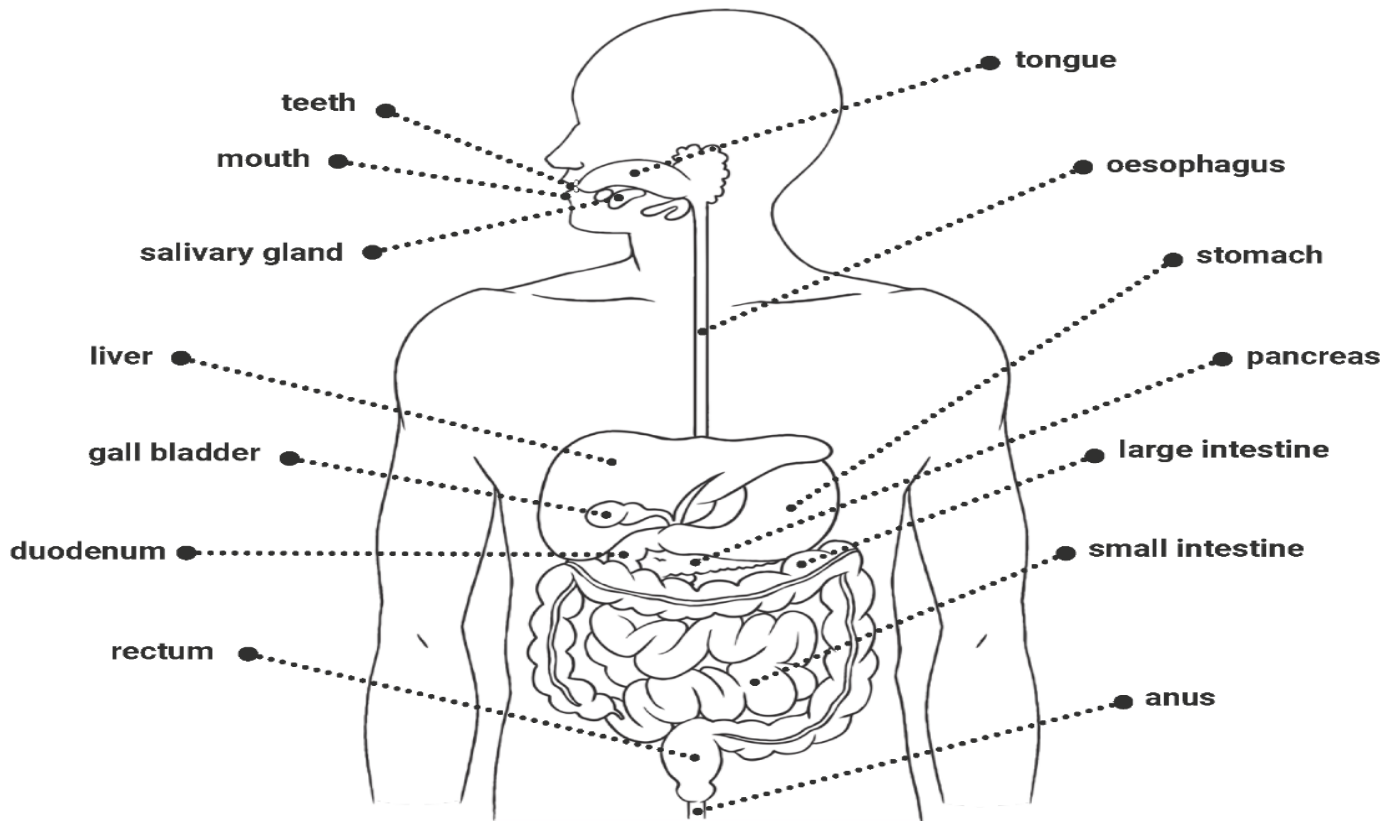
? Can you use sticky notes to add labels to each organ?



Locating organs in your body



- How did you do? Do you need to move any organs to the correct place on your outline?

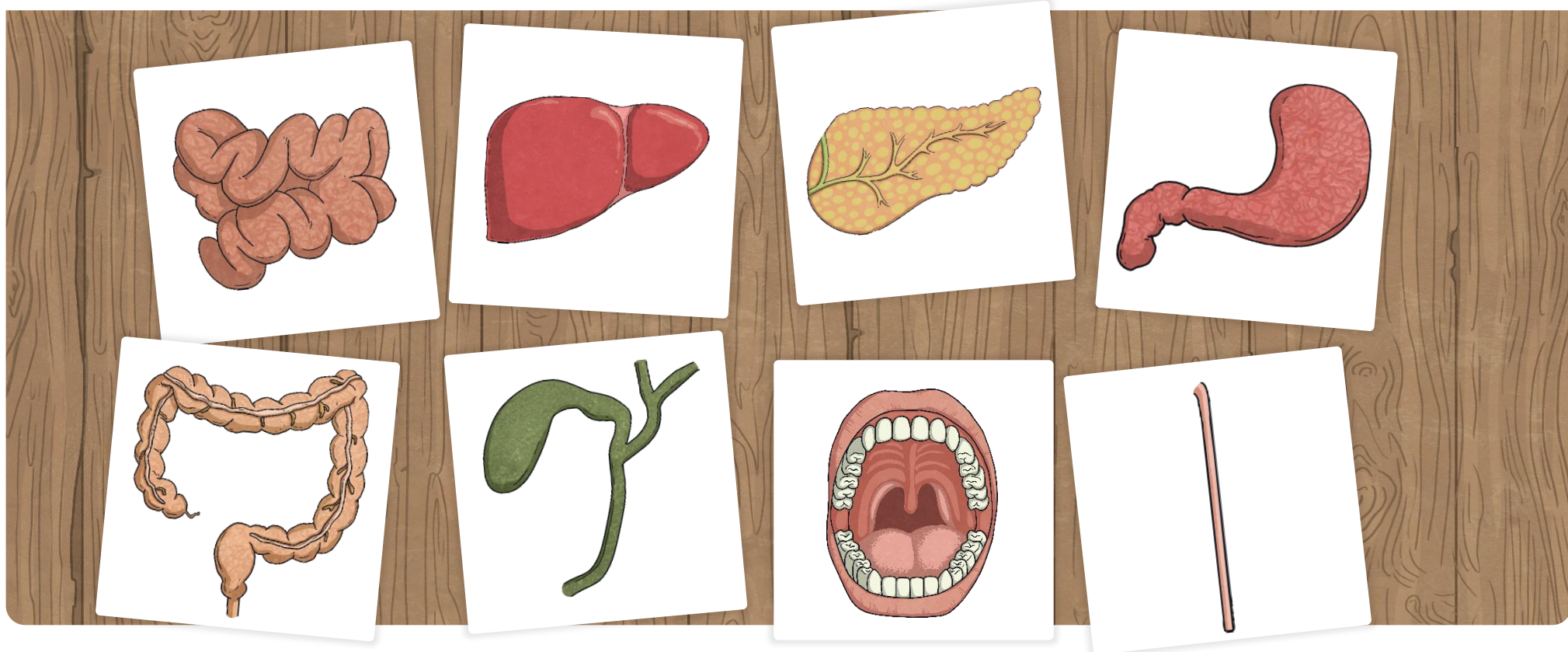


Where are the stomach and small intestine located?

Can you point to their location on your body?

Quiz time!

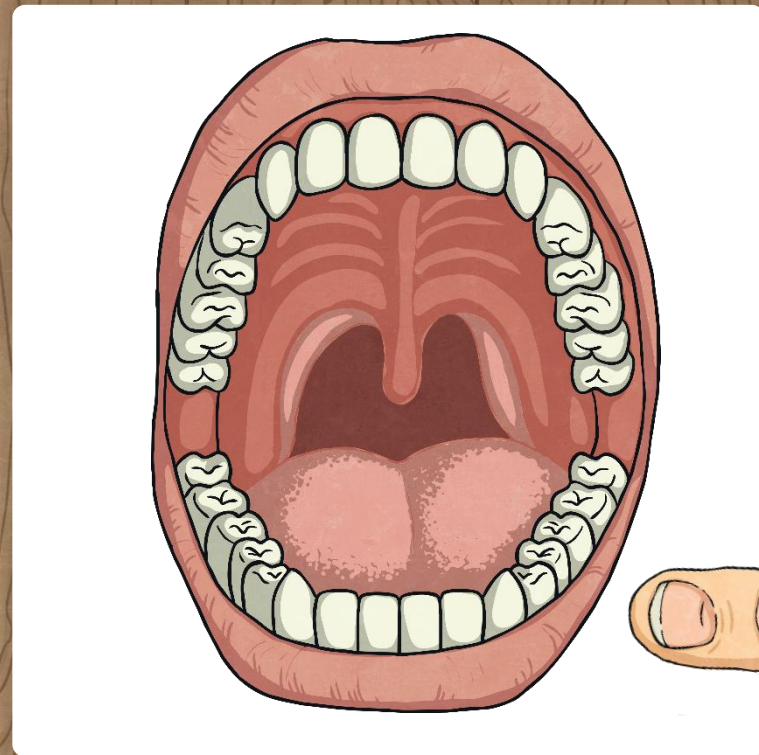
Are you ready for a quiz? You will be given the function of an organ from the digestive system. Can you identify the organ correctly?



What's that organ?

Which organ of the digestive system tears, cuts and grinds food?

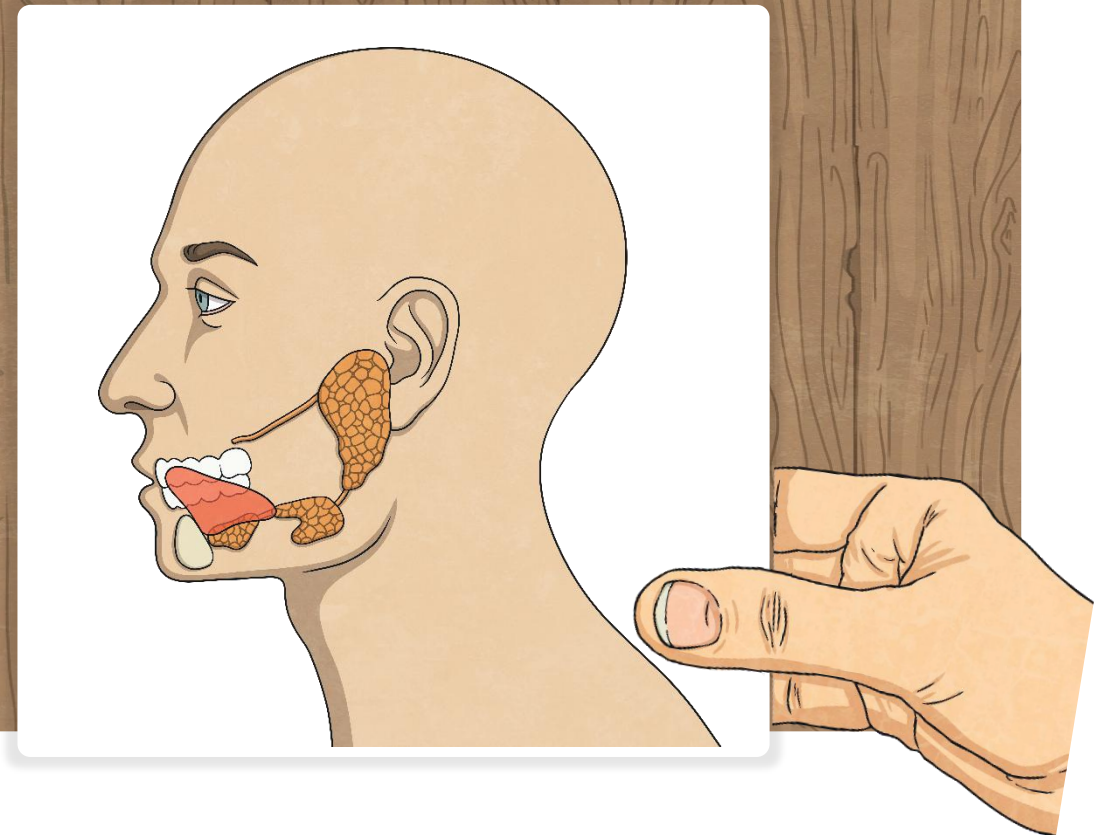
- A Tongue ✘
- B Oesophagus ✘
- C Teeth ✔
- D Salivary Glands ✘



What's that organ?

Which organ of the digestive system produces saliva to moisten food?

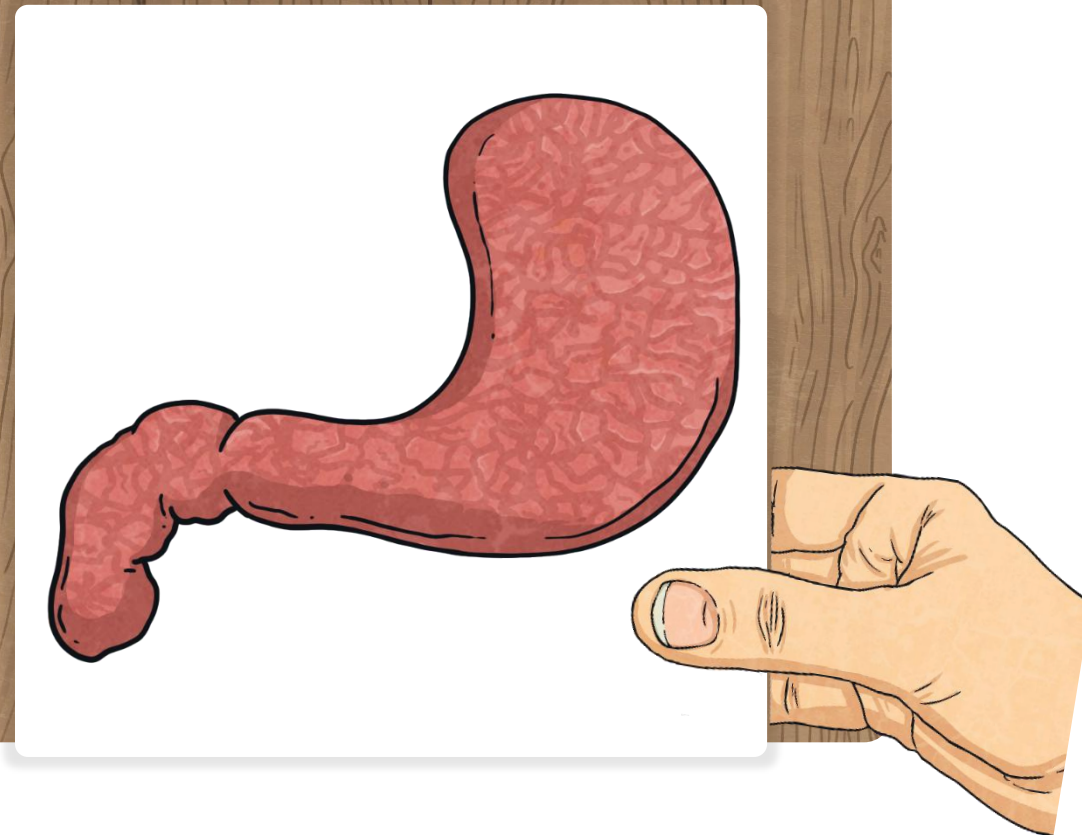
- A Tongue ✘
- B Salivary Glands ✔
- C Teeth ✘
- D Gall Bladder ✘



What's that organ?

Which organ of the digestive system uses acids and enzymes to help break down food?

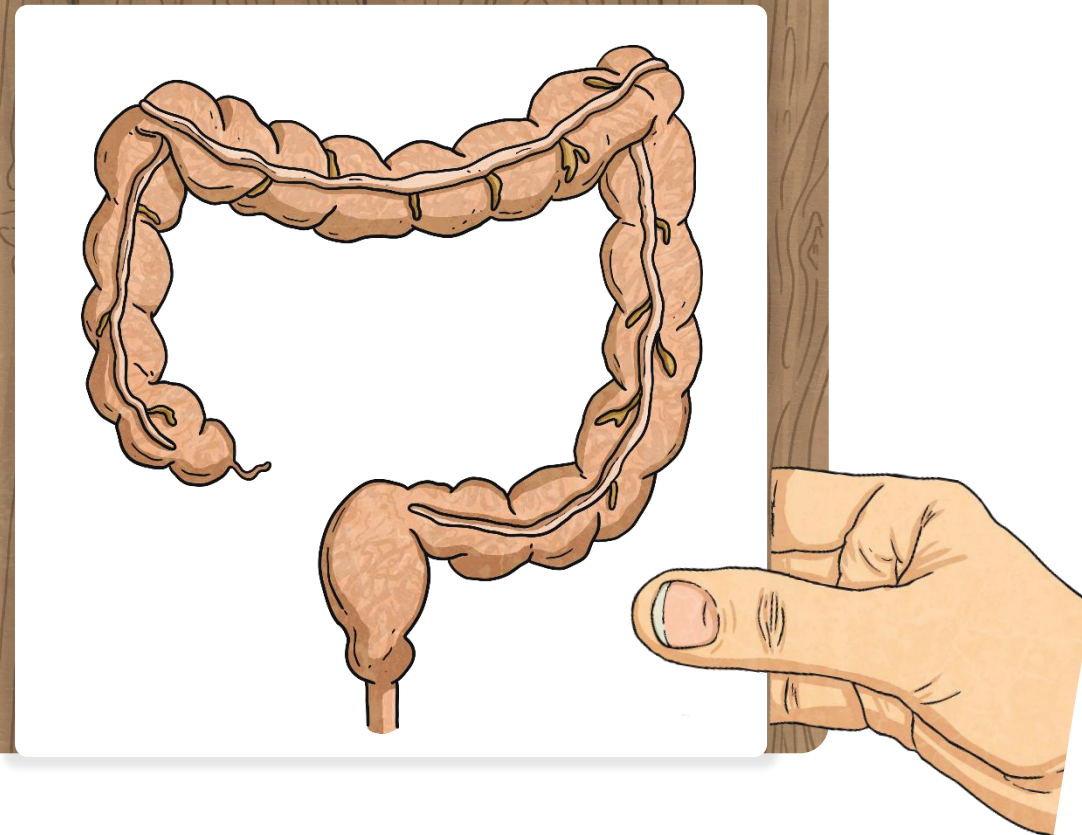
- A Pancreas ✘
- B Gall Bladder ✘
- C Oesophagus ✘
- D Stomach ✔



What's that organ?

Which organ of the digestive system absorbs water from digested food and forms faeces?

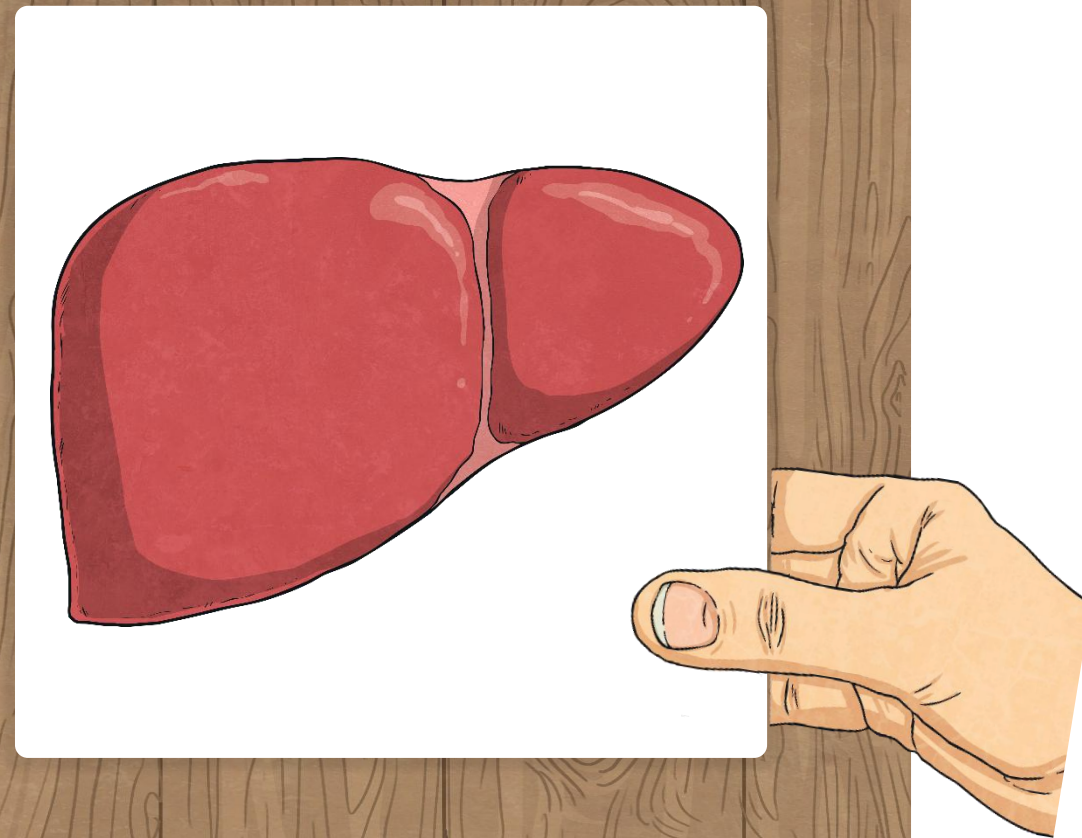
- A Small intestine ✘
- B Large intestine ✔
- C Liver ✘
- D Anus ✘



What's that organ?

Which organ of the digestive system processes nutrients and produces bile to break down fat?

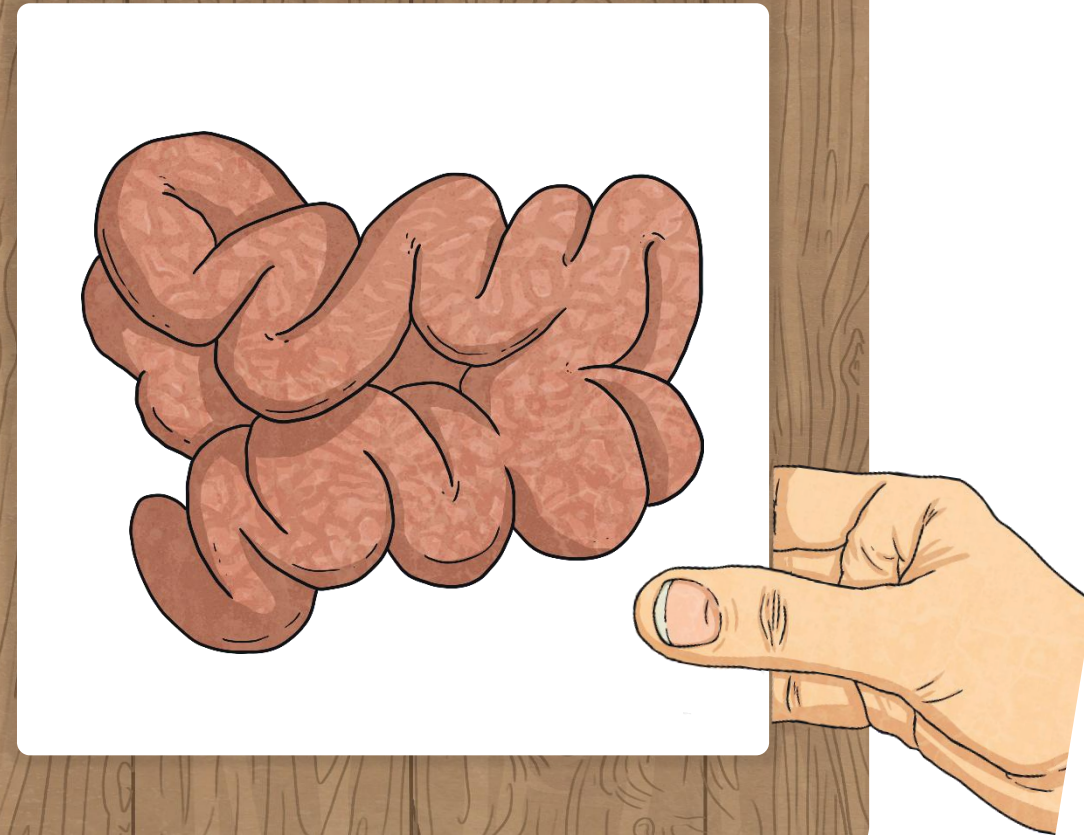
- A Gall Bladder ✘
- B Rectum ✘
- C Small intestine ✘
- D Liver ✔



What's that organ?

Which organ of the digestive system breaks down food from the stomach and releases nutrients into the body?

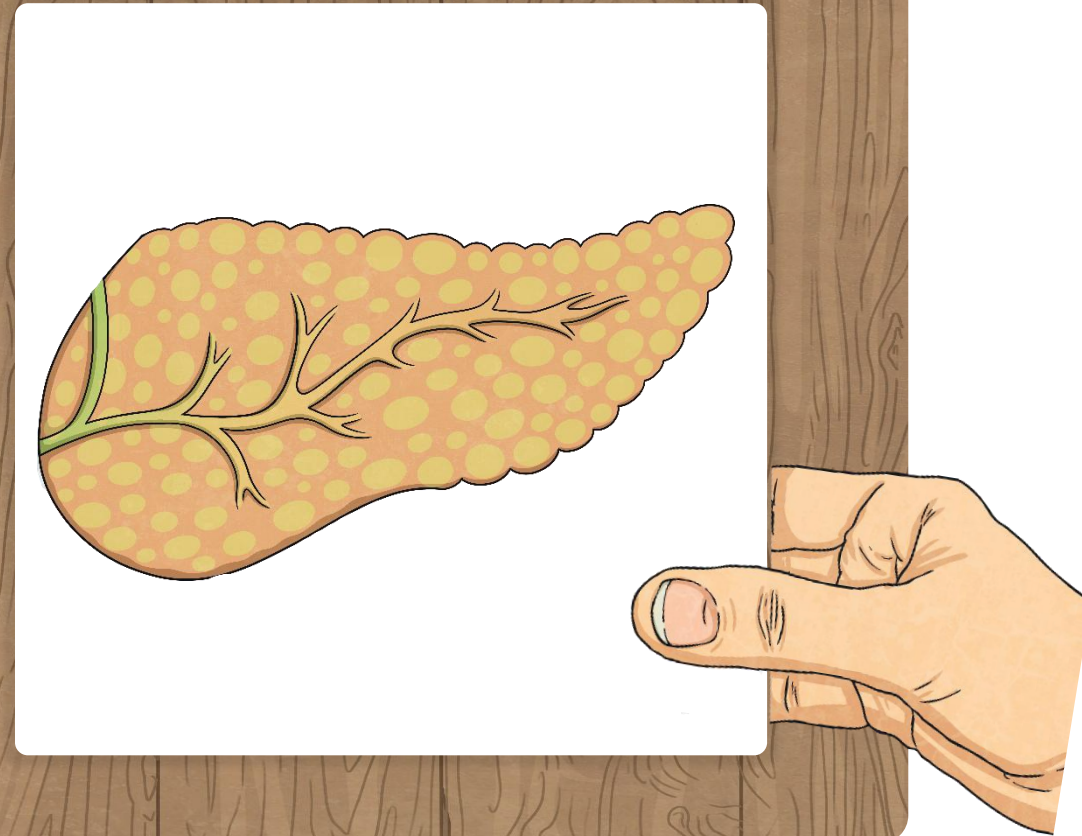
- A Pancreas ✘
- B Small intestine ✔
- C Salivary Glands ✘
- D Large intestine ✘



What's that organ?

Which organ of the digestive system produces digestive enzymes and releases them into the duodenum (small intestine)?

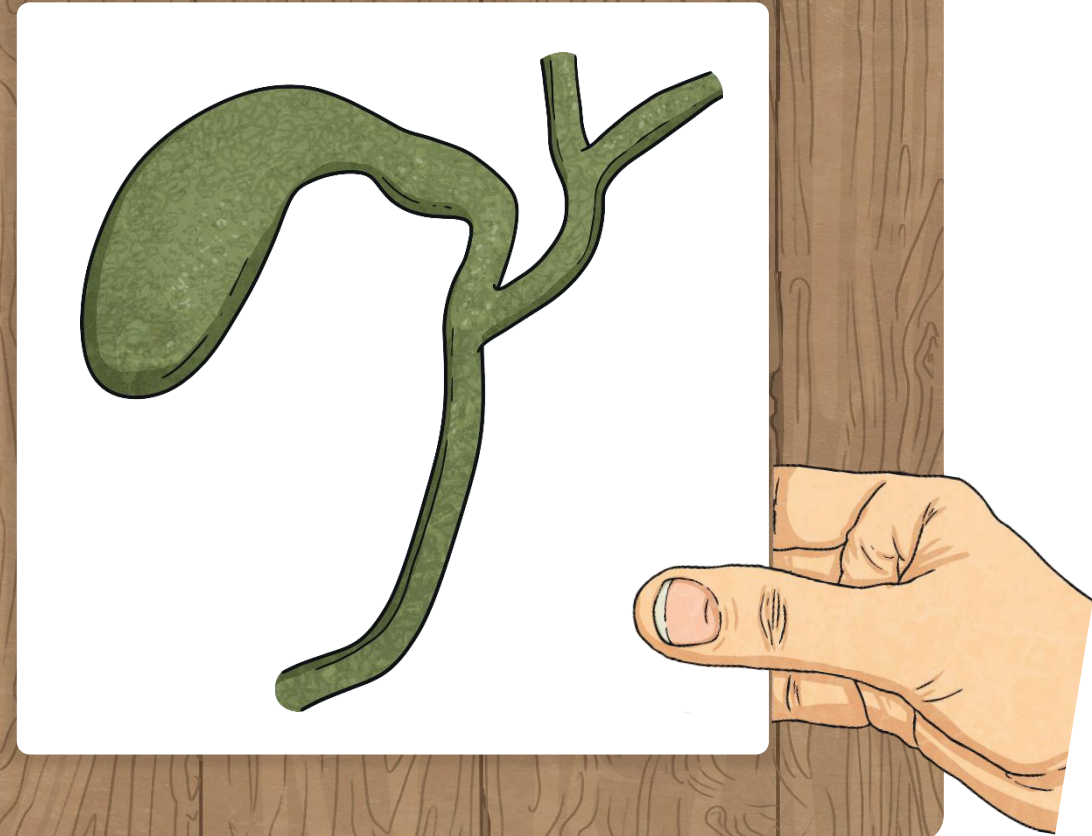
- A Tongue ✘
- B Stomach ✘
- C Liver ✘
- D Pancreas ✔



What's that organ?

Which organ of the digestive system stores bile and releases it into the small intestine?

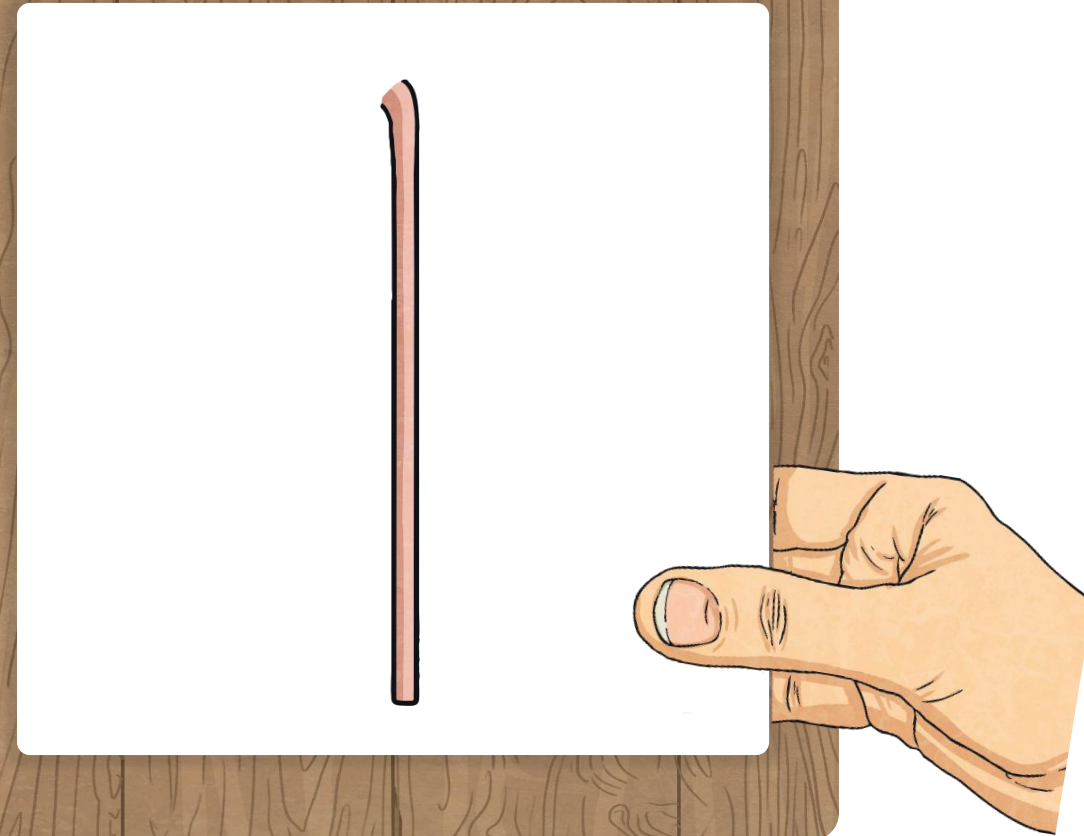
- A Liver ✘
- B Gall Bladder ✔
- C Pancreas ✘
- D Teeth ✘



What's that organ?

Which organ of the digestive system transports food from the mouth to the stomach?

- A Teeth ✘
- B Tongue ✘
- C Oesophagus ✔
- D Gall Bladder ✘



What's that organ?

Which organ of the digestive system helps a person to move food around their mouth and swallow?

- A Teeth ✘
- B Salivary Glands ✘
- C Oesophagus ✘
- D Tongue ✔

