

Science • Animals Including Humans



Crucial Knowledge

- Food enters the body through the mouth.
- Humans have four types of teeth - incisors for cutting, canines for tearing, molars and premolars for grinding (chewing).
- Digestion starts when the teeth start to break the food down.
- Saliva is added and the tongue rolls the food into a ball.
- The food is swallowed and passes down the oesophagus to the stomach.
- In the stomach the food is broken down further by being churned around and other chemicals are added.
- The food passes into the small intestine.
- In the small intestine nutrients are removed from the food and leave the digestive system to be used elsewhere in the body.
- The rest of the food then passes into the large intestine.
- In the large intestine the water is removed for use elsewhere in the body.
- What is left is then stored in the rectum until it leaves the body through the anus when you go to the toilet.
- Living things can be classified as producers, predators and prey according to their place in the food chain.



Key Vocabulary

digestive system: is a series of organs and glands that process food

digestion: breaking down food

saliva: is your spit which starts breaking down food before it reaches the stomach

nutrient: useful substance in food which helps your body

carnivore: animals such as lions whose main way of getting food is to kill and eat other animals

herbivore: animals such as cows that mainly eat plants

omnivore: animals like humans that eat plants and meat

producer: a plant that produces its own food

predator: an animal that hunts and eats other animals

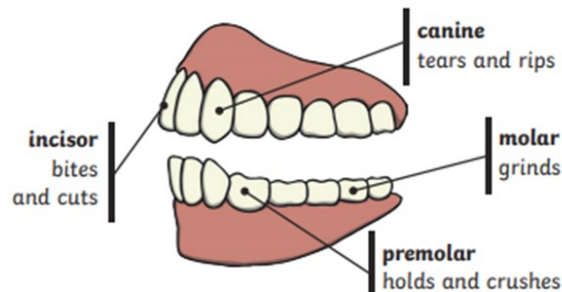
prey: an animal that can get hunted and eaten by a predator

food chain: a series of living things each dependent on the next for food



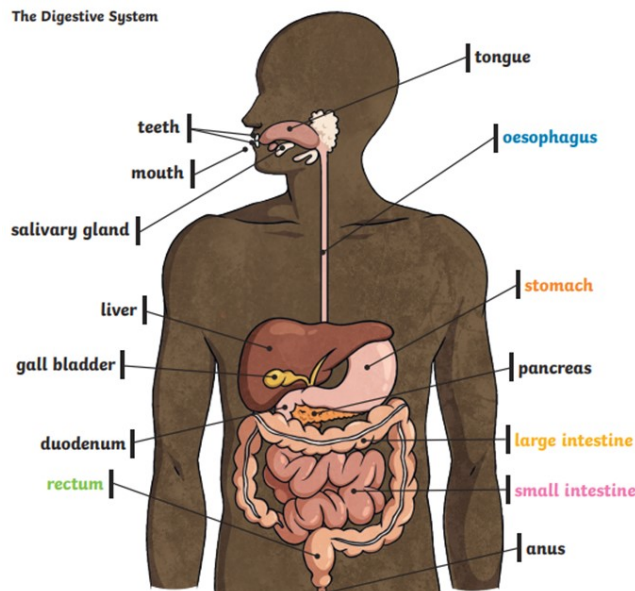
Diagrams / Images

Human Teeth and Their Functions



Some people have wisdom teeth but they have no function now.

The Digestive System



Important People



Dr Ayesha Akbar is a gastroenterologist, a doctor specializing in digestive healthcare

We Are Building Our Knowledge From

- Animals Including Humans (Y3)
- Living Things and Their Habitats (Y4)

This will help when we learn about

- Animals Including Humans (Y6)