

Science

Animals Including Humans

Year 4

Autumn 2

Digestion

Digestion is the way the body breaks down the food we eat into smaller parts that can be used to give the body energy

Digestive system

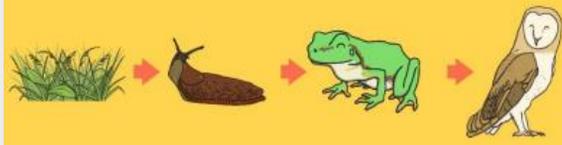
Main parts are mouth, tongue, oesophagus, liver, stomach, gallbladder, pancreas, large intestine, small intestine and rectum

Teeth

The teeth of an animal are designed to eat different foods depending on their diet. Teeth have different functions: incisor (bites and cuts), canine (tears and rips), premolar (holds and crushes) and molar (grinds).

Food chain

A food chain is a diagram that shows a producer and consumer. A consumer can be a predator, prey or both. The arrow means 'is food for'.



Producer

An organism, such as a plant, that produces its own food

Consumer

A living thing which gets their food by eating plants or other animals

Predator

Animals which eat other animals

Prey

Animals that are eaten by other animals

Possible Experiences

- Identify the parts of the digestive system and explain their functions
- Create a presentation to show how our food is digested
- Compare the teeth of carnivores, omnivores and herbivores. What do you notice?
- Match animals to their teeth and explain your reasons for this.
- Investigate the amount of sugar in drinks and learn how sugar leads to an increase in plaque and how it destroys tooth enamel.

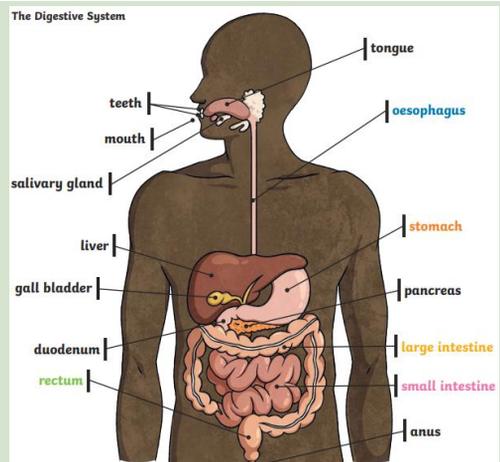
Statutory Requirements

- Describe the simple functions of the basic parts of the digestive systems in humans
- Identify the different types of teeth in humans and their simple functions
- Construct and interpret a variety of food chains, identifying producers, predators and prey

Key Vocabulary

Oesophagus	A muscular tube which moves food from the mouth to the stomach
Stomach	An organ where food is broken down with stomach acid and by being churned around
Small Intestine	Part of the intestine where nutrients are absorbed into the body
Large intestine	Part of the intestine where water is absorbed from remaining waste food and faeces are formed
Rectum	Part of the digestive system where faeces are stored before leaving the body through the anus

Diagrams



Human Teeth and Their Functions

