

Linked scientists

William Beaumont - Surgeon who first observed and studied human digestion as it occurs in the stomach

Key Vocabulary	
anus	Opening at the end of the <b>digestive system</b> where waste is <b>excreted</b>
canine	Pointed teeth which help to cut and tear food when we eat
carnivore	An animal that eats meat
consumer	Animals that eat other living things, plants or animals
digestion	The process of food being broken down to be used as <b>nutrients</b> or waste which is eliminated from the body
digestive system	Parts of the body involved with <b>digestion</b> -turning the food we eat into <b>nutrients</b> and fuel for the body
excretion	Process of getting rid of waste products from our body
food chain	Living things which are linked together because each thing feeds on the one next to it in the chain
herbivore	An animal that eats only plants
incisor	Four teeth at the front of each jaw which are used for biting
large intestine	Final section of the <b>digestive system</b> which links the <b>small intestine</b> to the <b>anus</b>
molar	Large teeth at the back of the mouth which are used for grinding
mouth	Opening where humans and animals put food. The <b>mouth</b> is the beginning of the <b>digestive system</b>

Key Vocabulary	
nutrients	Important parts of food that the body needs to grow. <b>Nutrients</b> are absorbed by the body during <b>digestion</b>
oesophagus	Stretchy tube which is part of the <b>digestive system</b> that moves food from the <b>mouth</b> to the <b>stomach</b>
omnivore	An animal that eats both meat and plants
predator	An animal that eats other animals
premolars	Flat teeth in between the <b>canines</b> and <b>molars</b> used for grinding food
prey	An animal eaten by other animals
producer	Living things that produce their own food. Plants are <b>producers</b>
rectum	Last section of the <b>large intestine</b> before the <b>anus</b>
saliva	Watery fluid in the <b>mouth</b> which helps to break down food for <b>digestion</b> . Also know as spit
small intestine	Narrow part of the <b>intestine</b> between the <b>stomach</b> and the <b>large intestine</b>
stomach	Part of the <b>digestive system</b> at the end of the <b>oesophagus</b> . Food is passed to the <b>small intestine</b> from here

### What I will know by the end of the unit

The basic parts of the human **digestive system**

Teeth break down the food. **Saliva** is added and food passes down the **oesophagus** to the **stomach**. Food is broken down further and passes to the **small intestine**. **Nutrients** are removed and leave the **digestive system**. Food then passes to the **large intestine** where water is removed. Waste then passes out of the body via the **rectum** and **anus**.

How to identify the different types of teeth in humans

#### Human Teeth and Their Functions

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

Construct food chains:

An Example of a Food Chain

The arrows in a food chain show the flow of energy.

