



Digestive system- organs in your body involved in the digestion of food.

Digestion- This is the way the body breaks down food so the body can absorb it.

Herbivore-Animals that only eat plants.

Carnivore-Animals that eat other animals.

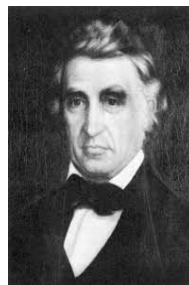
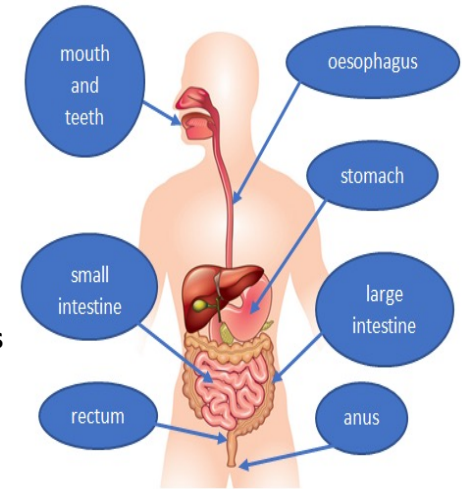
Producer- All green plants can make food in their leaves. They are the only producers of food.

Consumer- Animals that eat plants in a food chain.

Animals including humans

The main parts of the digestive system:

- Food enters the body through the **mouth**
- The **teeth** start to break the food down. **Saliva** is added and the tongue rolls the food into a ball.
- After swallowing, the food passes down the **oesophagus** to the stomach
- In the **stomach** the food is broken down further by being churned around and some chemicals are added.
- Food passes into the **small intestine**. Here **nutrients** are removed from the food to be used elsewhere in the body.
- The rest passes into the **large intestine** where **water** is removed to be used 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.



William Beaumont (1785-1853)

William Beaumont was a surgeon in the U.S. Army. He carried out lots of experiments and research on human digestion. As a result, he provided the world with new information about the digestive process in living human beings.



Predator- Animals that catch and eat other animals.

Prey- Animals that are hunted and eaten by predators.

Food chain- Animals eat plants or other animals. The way this happens is shown in a food chain.

Lions are carnivores. They have big canine teeth to help them catch their prey.

Lion Skull



By the end of this unit, you'll know:

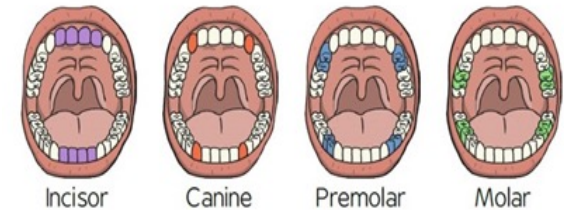
- how to describe the simple functions of the basic parts of the digestive system in humans
- how to identify the different types of teeth in humans and their simple functions
- how to construct and interpret a variety of food chains, identifying producers, predators and prey.



Teeth

Humans have 4 types of teeth:

- **incisors** – used for cutting
- **canines** – rip and tear food
- **molars and premolars** – for grinding and chewing food



Food chains

→ = is eaten by

