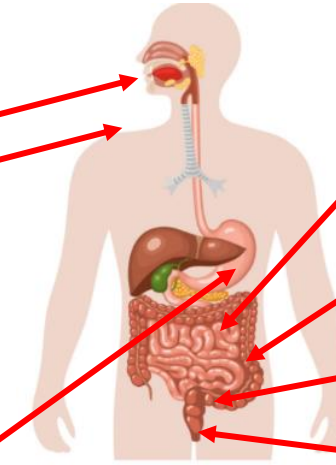


Year 4 Science Knowledge Organiser - Digestive System

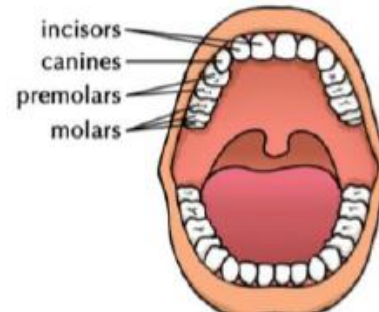
Word	Definition
Carnivore	Animals that eat other animals.
Consumer	Animals that eat plants in the food chain.
Digestive System	The organs in your body involved in the digestion of food.
Digestion	This is the way the body breaks down food so the body can absorb it.
Food Chain	Animals eat plants or other animals. The way this happens is shown in a food chain.
Herbivore	Animals that only eat plants.
Nutrition	The process of taking food into the body and absorbing the nutrients in those foods.
Omnivore	Animals that eat both plants and other animals.
Predator	Animals that catch and eat other animals.
Prey	Animals that are hunted and eaten by predators.
Producer	A green plant that produces its own food.

Digestive System
Mouth and teeth- Food enters the body through the mouth and the teeth break down the food.
Oesophagus - The food passes from the mouth to the stomach from the oesophagus.
Stomach - Food is broken down further by acids and other chemicals.



Digestive System
Small Intestine - nutrients are removed from the food and used elsewhere.
Large Intestine - water is removed from the remaining food, which is used elsewhere.
Rectum - What is left of the food is stored here.
Anus - It leaves the body through here.

Digestive System



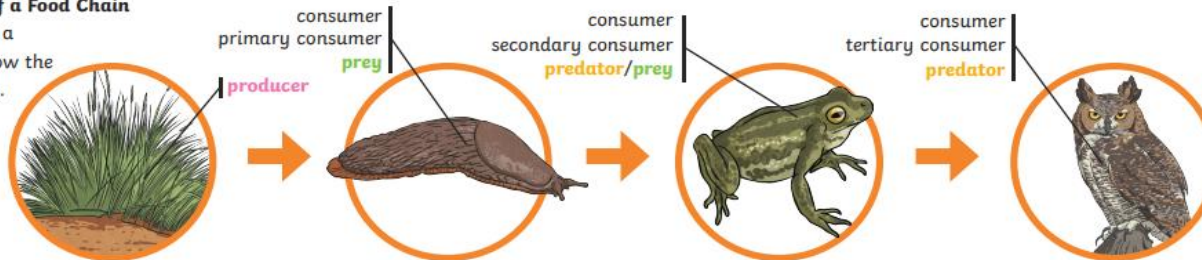
Types of Teeth:

- Incisors - used for cutting
- Canines - rip and tear food
- Premolars and Molars - grind and chew food.

A Food Chain

An Example of a Food Chain

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



Sticky knowledge is in red!

Significant Scientist

William Beaumont (1785- 1853)

William Beaumont was a surgeon in the US 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 human beings.

