



Year 4: Junior Medics

1. Terms	Definitions
Digestion	Food we eat has to be broken down so we can use it.
Digestive system	Different organs that work together to digest food.
Function	Function in biology is what a part of the body or cell does in relation to the whole. The function of the heart is to pump blood around the body.
Carnivore	An animal that mostly eats other animals. They have long sharp incisors and canines to rip through meat.
Omnivore	An animal that eats other animals and plants. They have canines and incisors to rip through meat, but also molars to grind plants down.
Herbivore	An animal that only eats plants. They have incisors and molars to grind plants down.
Predator	An animal that preys/ hunts other animals.
Prey	An animal which is hunted by predators .
Producer	They make their own food and are at the very beginning of a food chain.

4. Food chains

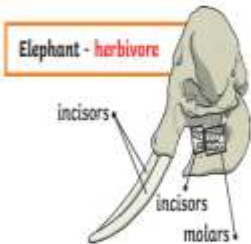
A food chain shows the flow of energy being passed from plant to animal. If part of a food chain is broken, it has negative consequences. It sometimes the whole system can collapse and species go extinct.



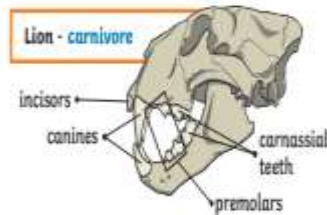
Plant (producer)

Consumers – these are prey and predators

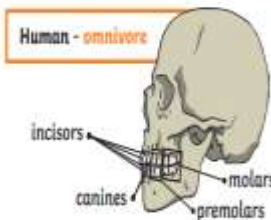
Consumer/ Predator



Elephant - herbivore



Lion - carnivore



Human - omnivore

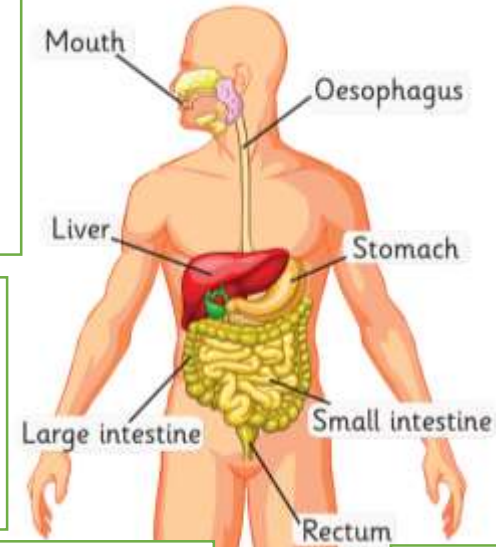
2. Digestive system

Digestion allows food to be absorbed into our bodies, so we can use it.

The **mouth** contains our **tongue, teeth** and saliva – which help us to chew and break down food before we swallow.

The **large intestine** deals with the food that the body can't digest – waste material.

Waste material leaves the body through our poo. Poo travels through the **rectum**.



The **oesophagus** is like a big pipe which takes food from our throats to our stomachs

The **stomach** produces a strong acid, which kills harmful microorganisms that might have been swallowed.

Enzymes break down the food, so it can be absorbed by the body.

Digested food is absorbed by the **small intestine** and goes into the blood stream.

3. Teeth

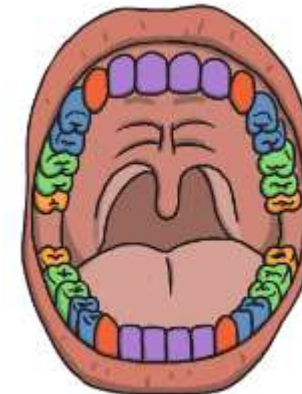
Incisors: bites and cuts

Canines: tears and rips

Premolars: holds and crushes

Molars: grinds

Wisdom teeth: no function any more



Keeping your teeth healthy

- Brush your teeth twice a day for two minutes.
- Do not have too much sugar, as this can cause **decay** (rot).
- Acidic foods (apple juice, tea, fizzy drinks etc) **erode** (wear away) the **enamel** (hard, protective coating) on your teeth.