

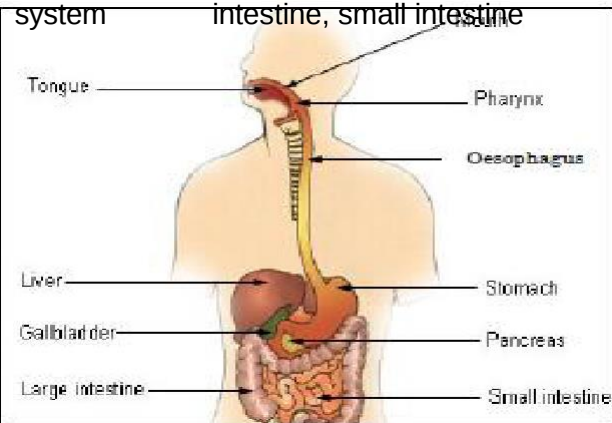
The Human Digestive System

What is 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

The main parts of the digestive system

Mouth, tongue, pharynx, esophagus, liver, stomach, gallbladder, pancreas, large intestine, small intestine



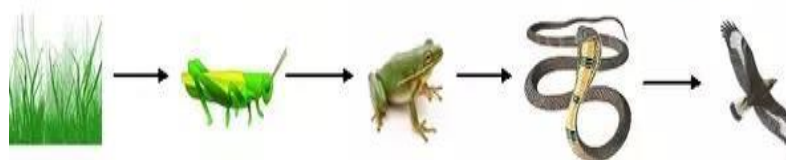
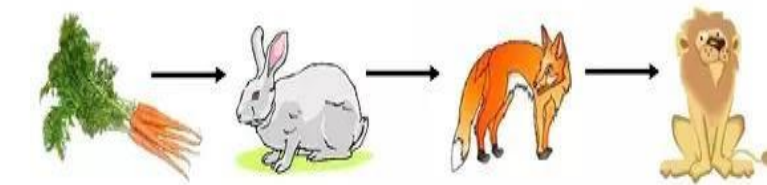
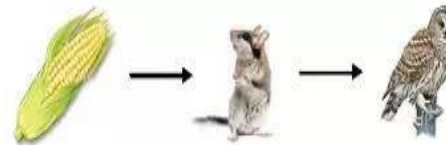
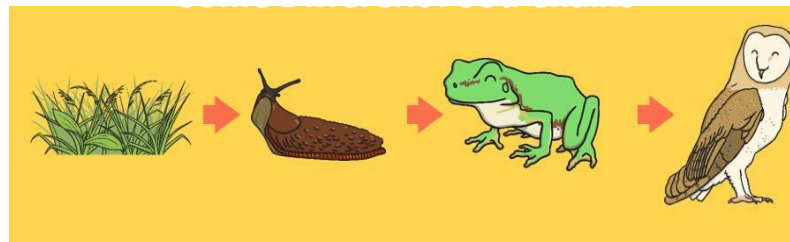
The digestive journey of food

- Humans put food in their mouth
- Food is chewed by the teeth
- Food is swallowed and passed through the **pharynx** and **oesophagus** to the **stomach**
- In the **stomach** it is smashed into a mixture like soup and mixed with acid
- The mixture passes into the **small intestine**, where tiny bits of food pass into the bloodstream
- The food that is left goes into the **large intestine**
- Finally, waste products leave the body

Food Chains

What is a food chain?

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



Key Vocab

Energy

The property that gives humans strength

Waste

Unwanted substances in the body

Molars
Pre molars

Back teeth for crushing and grinding food

Incisors

Front teeth for snipping and cutting food

Canines

Long pointed teeth for grabbing food

Producer

Food chains start with a producer (usually a green plant or algae)

Consumer

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

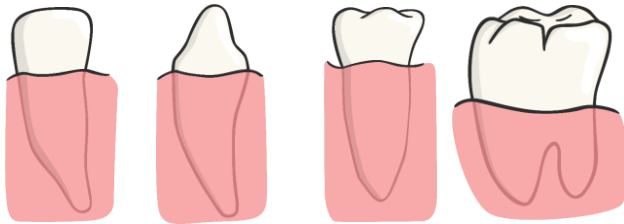
Predator

Prey

Animals that are eaten by other animals

Human Teeth

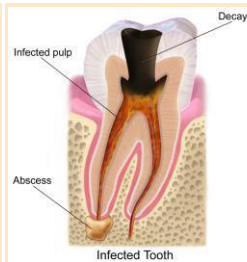
- Teeth grow in babies when they are about 6 months old
- 20 teeth grow by the time you are about 2.5 years old
- From about the age of 6 you start to lose teeth until about the age of 12
- These teeth are replaced by 32 permanent teeth



Incisor Canine Premolar Molar

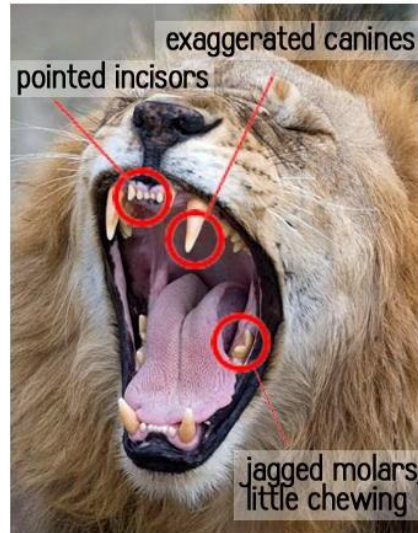
Tooth Decay

Decay is what happens when the acid created in your mouth attacks your teeth, and breaks its way through the surface of your tooth, making a small hole called a cavity

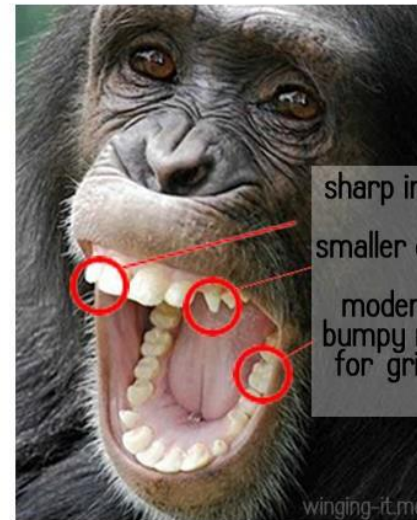


Major causes of tooth decay are sugary, sticky foods and beverages. The more sugar consumed, the more acid, which gets produced leading to decay.

Carnivore Teeth



Herbivore



Omnivore



Carnivores and herbivores

Animals that eat only meat are called **carnivores**. Animals that eat only plants are called **herbivores**.

Carnivores and herbivores have different types of teeth, to suit the type of food they eat. Herbivores have teeth which are shaped to squash and grind plants. Teeth **a** and **b** on the diagram show the herbivore's teeth. Carnivores have teeth which are shaped to slice and rip the meat they eat. Teeth **c** and **d** on the diagram show the carnivore's teeth.

