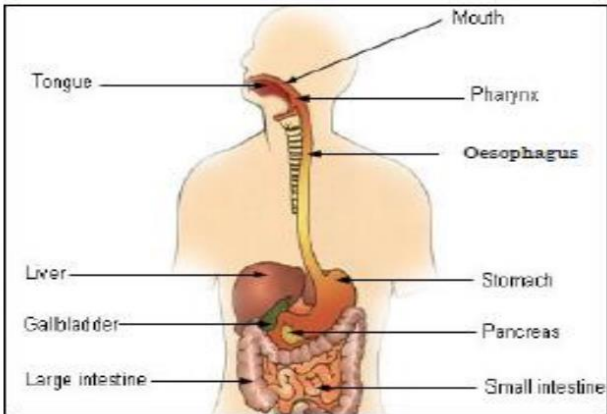


Year 4 Science Learning Organiser: Animals, including Humans

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, oesophagus, liver, stomach, gallbladder, pancreas, large intestine, small intestine



The digestive journey of food

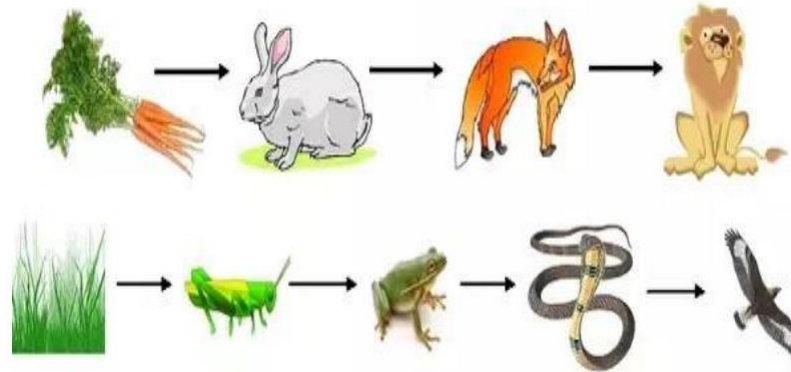
- Humans put food in their mouth
- Food is chewed by the teeth
- Food is swallowed and passed through the **pharynx** and **oesophagus** to the **stomach**
- In the **stomach** it is smashed into a mixture like soup and mixed with acid
- The mixture passes into the **small intestine**, where tiny bits 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'

Some Different Food Chains



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.

Key Vocab

1	Energy	The property that gives humans strength
2	Waste	Unwanted substances in the body
3	Molars Pre molars	Back teeth for crushing and grinding food
4	Incisors	Front teeth for snipping and cutting food
5	Canines	Long pointed teeth for grabbing food
6	Producer	Food chains start with a producer (usually a green plant or algae)
7	Consumer	A living thing which gets their food by eating plants or other animals
8	Predator	Animals which eat other animals
9	Prey	Animals that are eaten by other animals