

Y4 Science: Animals, including Humans



What I remember:

- Humans need the right type of food to be healthy (Y2)
- Humans have to find their own food; plants can make their own (Y3)



1. Digestion starts in the **mouth** – **teeth** break the food up, **saliva** is added and the tongue rolls the food into a ball to swallow.

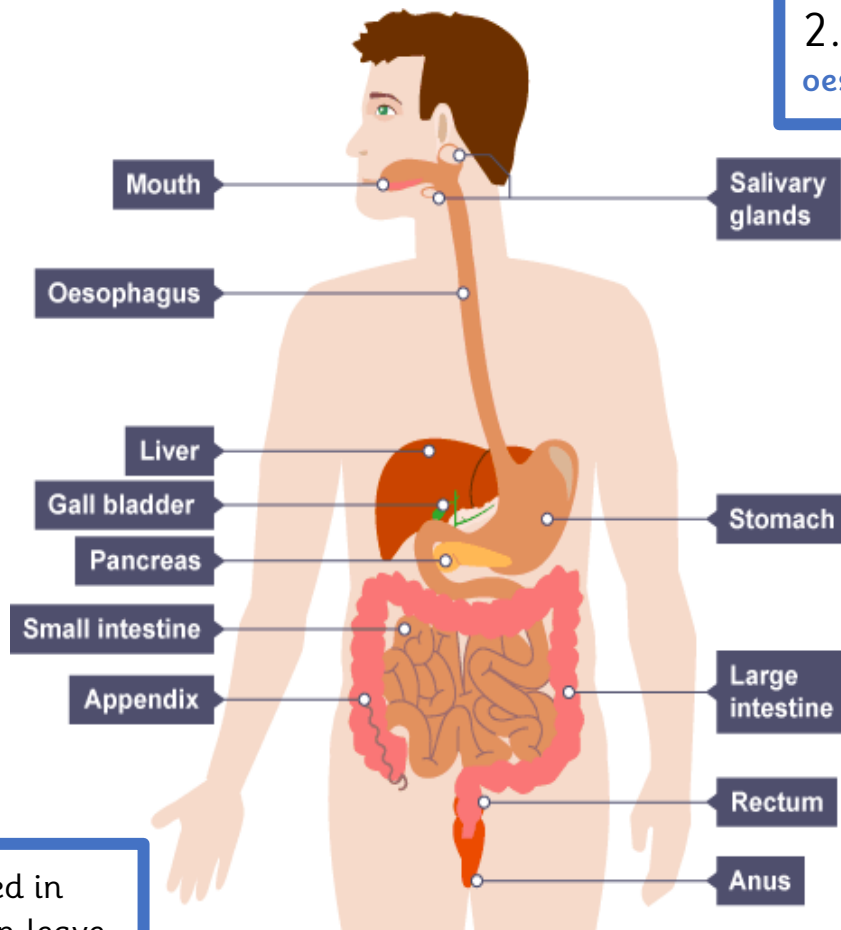
4. **Nutrients** are removed in the **small intestine**.



6. What's left is stored in the **rectum** until it can leave the body through the **anus**.

Digestion is the breaking down of food into smaller parts (**nutrients**) the body can use.

The Digestive System

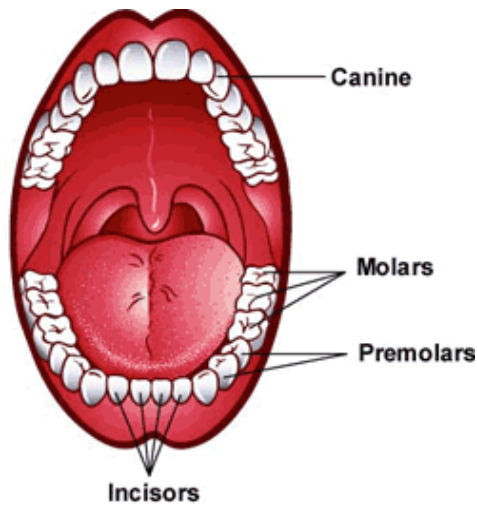


2. Food travels down the **oesophagus**.



3. In the **stomach**, the food is churned up and digestive juices break the food down.

5. Water is removed in the **large intestine**.



Incisor
for cutting.

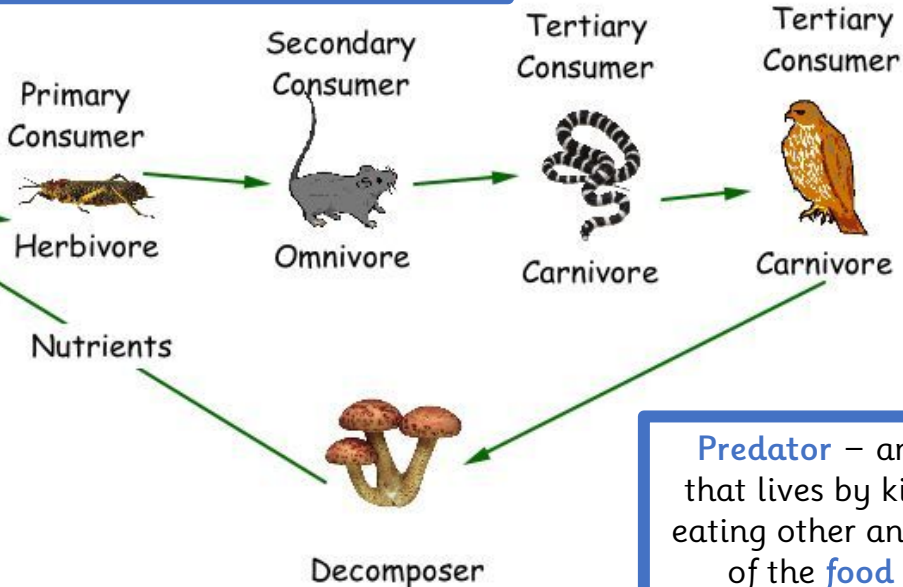
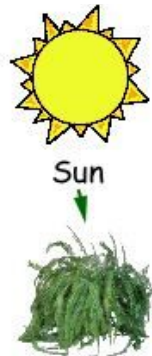
Canine
for tearing.

Premolars and molars
for grinding/chewing.

Enamel – thin, white outer covering of the tooth.

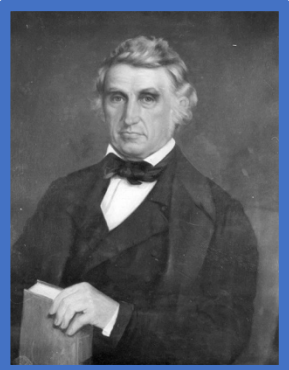


Prey – animal caught and killed by another for food: lower down on the **food chain**.



Producer – plants: the start of a **food chain** as they make their own food.

Predator – an animal that lives by killing and eating other animals: top of the **food chain**.



Dr William Beaumont
1785-1853
– US Army surgeon considered the father of gastric physiology