



Knowledge Bank: Year 4 Science – Animals including Humans.

Key Vocabulary:

Word	Definition
digest	To break down food so it can be used by the body.
oesophagus	A muscular tube which moves food from the mouth to the stomach.
stomach	An organ in the digestive system where food is broken down with stomach acid and by being churned around.
small intestine	Part of the intestine where nutrients are absorbed into the body.
large intestine	Part of the intestine where water is absorbed from remaining waste food. Stools are formed in the large intestine.
rectum	Part of the digestive system where stools are stored before leaving the body through the anus.
absorb	To take in or soak up. Nutrients from our food are absorbed into the body during digestion.

What I should already know:

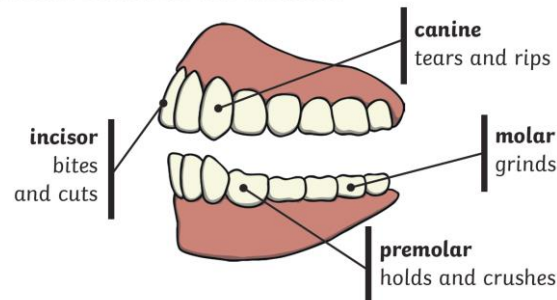
- Humans need the right types and amount of nutrition; they get nutrition from food (Year 3)
- Humans and some other animals have skeletons and muscles for support, protection and movement (Year 3).
- That humans have different types of teeth (incisors, canines, molars) for different jobs (Year 3).

Key Facts:

- You use your mouth, oesophagus, stomach, small intestine, large intestine, gallbladder, pancreas and liver to digest food or drink.
- **The jobs of the digestive system are to:**
 - **digest food**
 - **absorb nutrients from food**
 - **excrete waste products**

We have different types of teeth for different functions – cutting, tearing and grinding.

Human Teeth and Their Functions



- In the **mouth**, food is broken down by the teeth and mixed with saliva.
- In the **stomach**, the food is mixed with stomach acid.
- In the **small intestine**, food is broken down and nutrients are absorbed into the blood.
- In the **large intestine**, water is absorbed into the blood.
- Waste products are stored in the **rectum** and passed out through the **anus**.

Key Question:
How does the human body digest food?

Diagrams/Images:

