

Science Knowledge Organiser

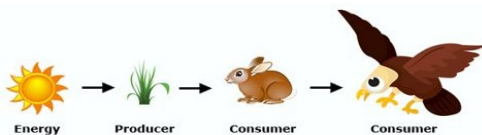
Topic: Animals including humans

Year: 3/4 (LKS2)

Strand: Biology

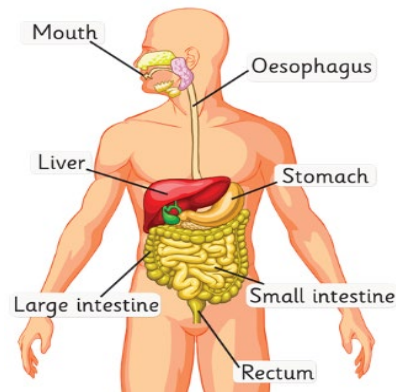
What should I already know?

- Animals that eat only meat are called **carnivores**. Animals that eat only plants are called **herbivores**. Animals that eat plants and animals are called **omnivores**.
- Food Chains describe the order in which living things depend on each other for food.
- Plants are called **producers** because they produce their own food.
- Consumers eat other living things to survive.
- Predators live by killing and eating other animals.
- Prey are animals that are killed and eaten by other animals



What will I know by the end of the unit?

- The **Digestive System** is responsible for breaking down the food you eat into smaller pieces and turning it into energy and nutrients that your body needs to survive.

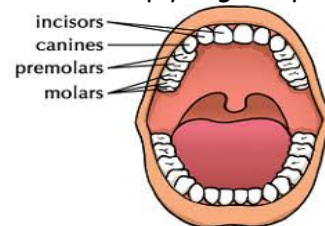


Vocabulary

Digestion	The process by which food is converted into substances that can be absorbed into the body.
Salivary glands	Three pairs of glands in the mouth and digestive system that store saliva for
Oesophagus	The tube that leads from the mouth through the throat to the stomach.
Stomach	The pouch into which food passes from the oesophagus for mixing and digestion before passing to the small intestine.
Small Intestine	The main site of the digestion of food - nutrients are removed here to be used elsewhere in the body.
Large intestine	Takes water from leftover food material and creates solid waste.
Rectum	What is left is stored in the rectum and leaves the body through the anus when you go to the toilet.

Humans have four main types of teeth:

- Incisors** - used for cutting and biting food.
- Canines** - for tearing and ripping food.
- Premolars** - for holding and crushing food
- Molars** - to help you grind your food.



- Carnivores, herbivores and omnivores have different types of teeth, to suit the type of food they eat.



Key Questions/Investigations

Comparative and fair testing: How do different liquids affect the rate at which an egg decays?

Using Secondary Sources: Raising and answering questions based on the diets of different animals.