

# Year 4 – Animals, including Humans

## Language for Learning

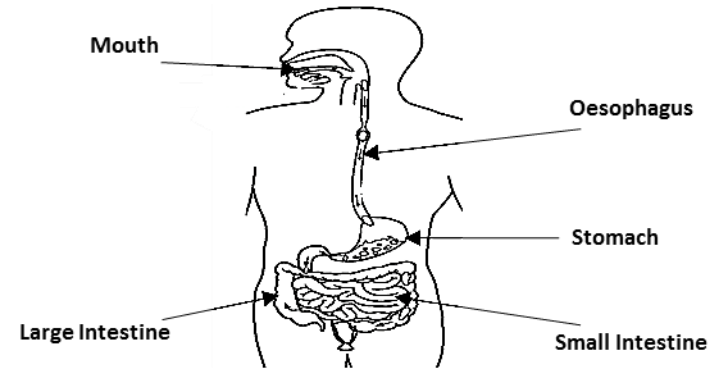
Through the activities in this topic, pupils should **understand and use key scientific words precisely** - spelling these words correctly. This includes - words with precise scientific meanings (e.g. weight and mass), words with different meanings in scientific and everyday contexts (e.g. drag) and words relating to scientific enquiry (e.g. variable).

## Key Scientific Words

Key Word	Definition (Meaning)
<b>Digestive System</b>	The parts of our body that help us process food.
<b>Mouth</b>	Part of the digestive system where the breakdown of food begins.
<b>Teeth</b>	Part of the digestive system used to cut through and grind up food.
<b>Oesophagus</b>	A tube that is part of the digestive system – the oesophagus goes from the mouth to the stomach.
<b>Stomach</b>	Part of the digestive system which temporarily stores and begins to break down food using chemicals.
<b>Small Intestine</b>	Part of the digestive system where food enters our blood.
<b>Large Intestine</b>	Part of the digestive system that takes water out of waste food.
<b>Producer</b>	An organism that is able to make its own food.
<b>Consumer</b>	An organism that has to eat other organisms to stay alive.
<b>Organism</b>	A living thing.
<b>Carnivore</b>	An animal that only eats meat.
<b>Herbivore</b>	An animal that only eats plants.
<b>Predator</b>	An animal that catches and eats other animals.
<b>Prey</b>	An animal that is caught and eaten by another animal.
<b>Food chain</b>	A way of showing which organisms eat which organisms.

## Key Concepts

The **digestive system** is all the parts of our body that help us to process the food that we eat. The basic parts of the digestive system are shown below:



Each part of the digestive system has a function. The simple functions of the basic parts of the digestive system are shown below:

**Mouth:** Begins to break down food using teeth.

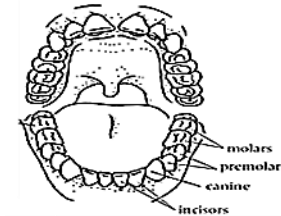
**Oesophagus:** Squeezes the food down towards the stomach.

**Stomach:** Temporarily stores food and begins to break it down using chemicals.

**Small Intestine:** Where food enters our blood.

**Large Intestine:** Removes water from waste food.

We use teeth to help us cut through food and grind it up. There are different types of teeth with different functions. The **incisors** and **canine** teeth help us to bite through food. The **molars** and **premolars** grind up our food.



An animal that hunts other animals is a **predator**. What it hunts is its **prey**. We can show which organisms eat which organisms using a **food chain**. Different words are used to describe what the organisms do in a food chain.

Plants are **producers** because they can *produce* their own food. A living thing that eats other living things is a **consumer** because they *consume* another living thing.