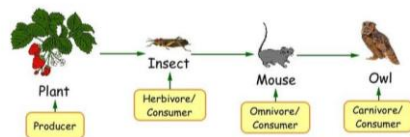


Year 4 Science Knowledge Organiser – Animals, including humans

Selected Vocabulary and Definitions

Mouth	Saliva mixes with food
Teeth	Tear, cut and grind food
Tongue	Helps mix food and saliva
Salivary gland	Produces saliva
Oesophagus	Muscular tube from mouth to stomach
Stomach	Muscles and enzymes break food down
Liver	Produces bile to absorb fats
Pancreas	Produces enzymes to break food down
Gallbladder	Releases bile into the duodenum
Duodenum	Food broken down by bile and enzymes
Small intestine	Absorb nutrients from food
Large intestine	Absorbs water from waste food
Rectum	Tells brain you need to go to the toilet
Anus	Releases waste products
Incisors	Front flat teeth. Cut food
Canines	Pointed teeth. Tear food
Premolars	Double pointed teeth. Crush and grind
Molars	Widest and strongest. Grind and mash
Producer	A green plant that produces its own food
Predator	Animals that kill for food
Prey	Animals that predators feed on
Herbivore	An animal that eats plants
Carnivore	An animal that eats other animals
Omnivore	An animal that eats plants and animals

The Food Chain Of An Owl



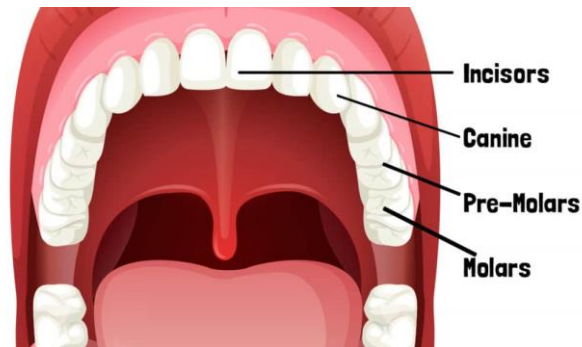
A food chain shows the path of energy from one living thing to another. Decomposers like bacteria, are necessary for all food chains.

Curriculum Objectives

I can explain some parts of the digestive system in humans.

I can explain the different types of teeth in humans and what they do.

I can describe and explain a variety of food chains, naming producers, predators and prey.



Key Questions

Name 4 key organs of the digestive system.

What 4 types of teeth do humans have?

Name a type of producer.

Give an example of a predator.

Give an example of an organism that is a prey.

The Digestive System

Our body needs food to provide it with energy, vitamins, and minerals. However, in order use food, we must first break it down into substances that the various **organs** and cells in our body can use. This is the job of our **digestive system**.

