

Animals Including Humans

Knowledge

Living Things and their Habitats

I can describe the simple functions of the basic parts of the digestive system in humans

I can identify the different types of teeth in humans and their simple functions

I can construct and interpret a variety of food chains, identifying producers, predators and prey.

Working Scientifically

comparing the teeth of carnivores and herbivores, and suggesting reasons for differences.

finding out what damages teeth and how to look after them.

Draw and discuss their ideas about the digestive system and compare them with models or images.

Children will be introduced to the main body parts associated with the digestive system, for example, mouth, tongue, teeth, oesophagus, stomach and small and large intestine and explore questions that help them to understand their special functions.

Hook into a Book



Activate Prior Knowledge

EY

- Exploring the natural world around them, making observations.
- Know similarities and differences between the natural world around them.
- Animals in our local environment
- Animals that live in the sea
- Minibeasts
- Farm animals

KS1

- Animals including humans
- Identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals
 - Identify and name a variety of common animals that are carnivores, herbivores and omnivores
 - Describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals, including pets)
 - I can identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense.
 - I can notice that animals, including humans, have offspring which grow into adults
 - I can find out about and describe the basic needs of animals, including humans, for survival (water, food and air)
 - I can describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene.

Future Learning

KS2

- I can describe the changes as humans develop to old age.
- I can identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood
- I can recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function
- I can describe the ways in which nutrients and water are transported within animals, including humans.

Investing in

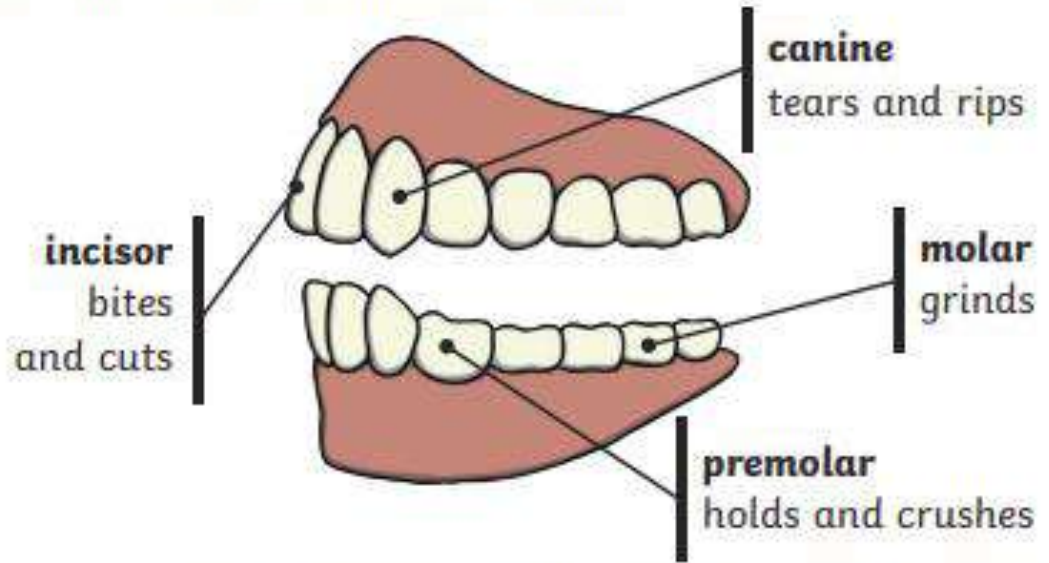
the UNIQUENESS

of each individual

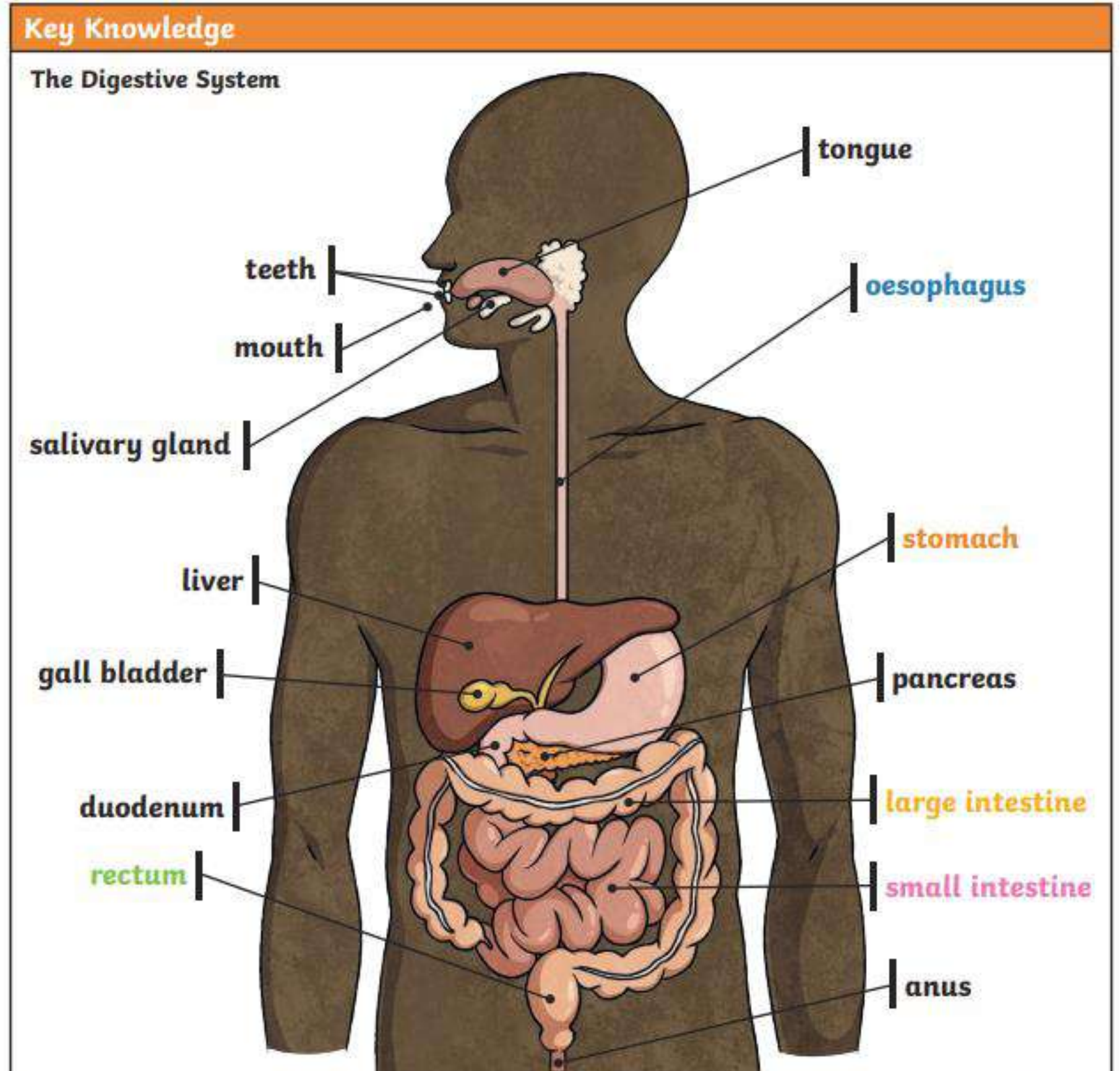
"I Am Fearfully And Wonderfully Made"
- Psalms 139 v14

Key Vocabulary	
digest	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. Faeces are formed in the large intestine.
rectum	Part of the digestive system where faeces are stored before leaving the body through the anus.

Human Teeth and Their Functions



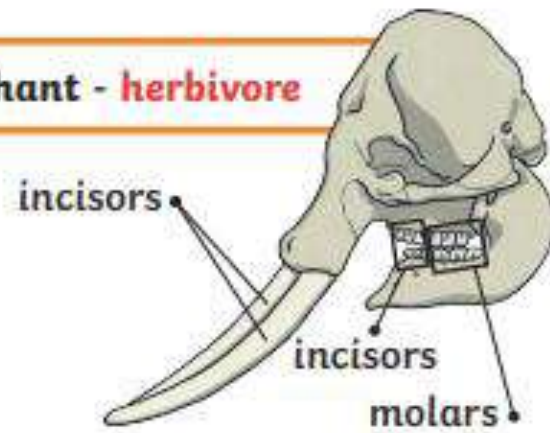
Some people have wisdom teeth but they have no function now.



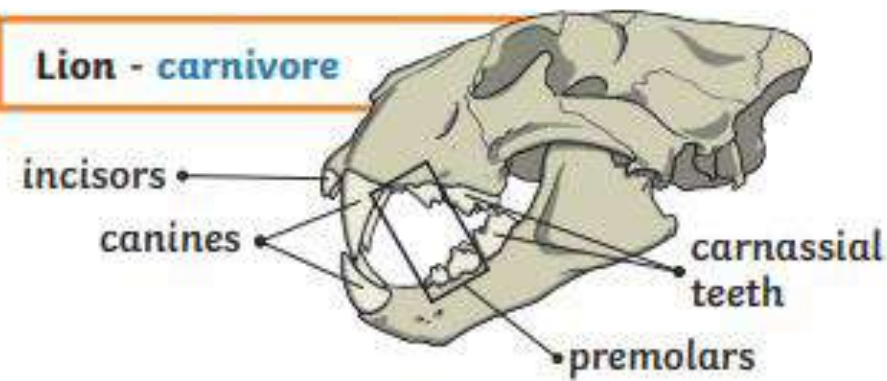
Key Knowledge

The teeth of an animal are designed to eat different foods depending on the diet of the animal. Examples of a **herbivore**, a **carnivore** and an **omnivore** skull:

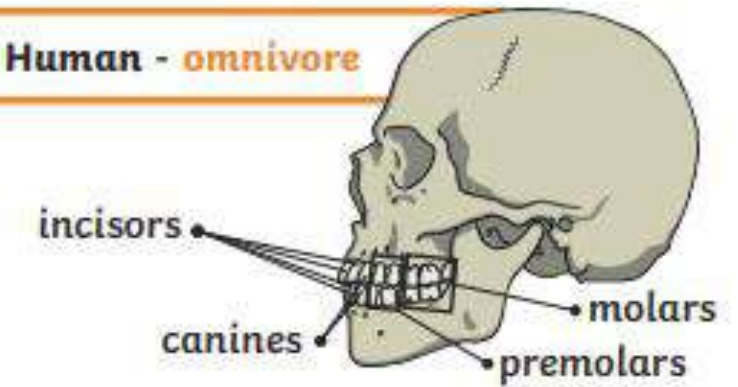
Elephant - herbivore



Lion - carnivore

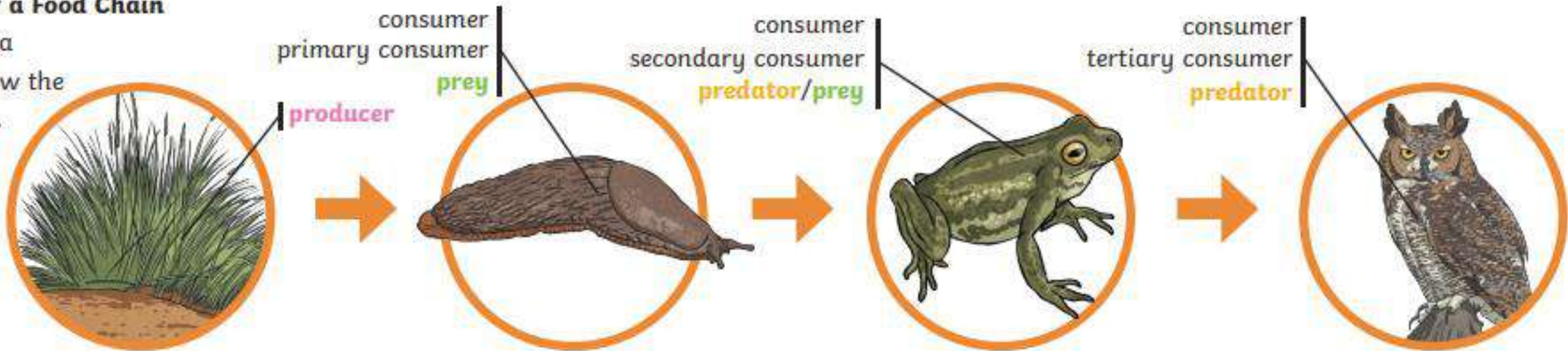


Human - omnivore



An Example of a Food Chain

The arrows in a food chain show the flow of energy.



Key Vocabulary

herbivore	An animal that eats plants.
carnivore	An animal that feeds on other animals.
omnivore	An animal that eats plants and animals.
producer	An organism, such as a plant, that produces its own food.
predator	An animal that hunts and eats other animals.
prey	An animal that gets hunted and eaten by another animal.

To help prevent tooth decay:

- limit sugary food and drink;
- brush teeth at least twice daily using a fluoride toothpaste;
- visit your dentist regularly.

