Biology: Animals Including Humans

What should I already know?

- That animals can be carnivores, omnivores or herbivores.
- That animals need food for survival and get their food from plants or other animals.
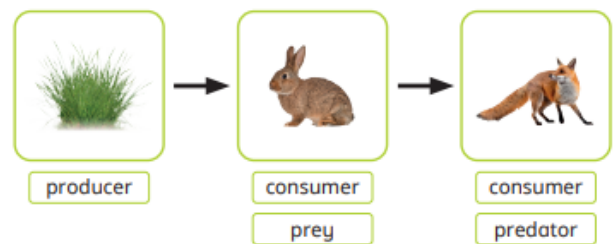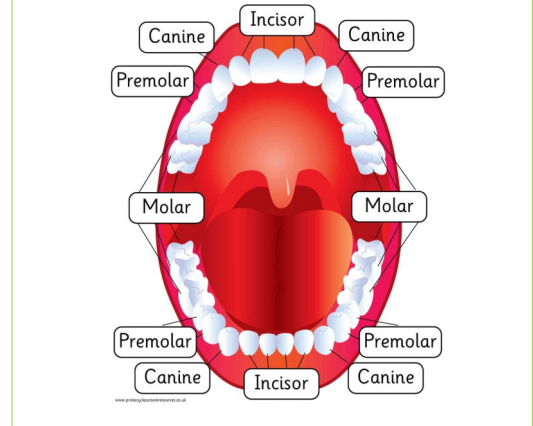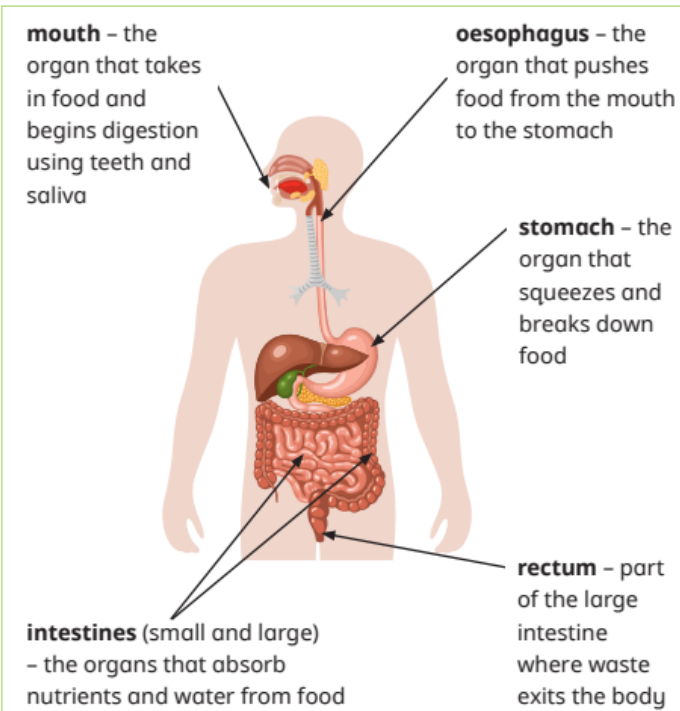
What am I going to learn?

- To describe the simple functions of the basic parts of the human digestive system.
- To identify and describe the different types of teeth in humans and their simple functions.
- To construct and interpret food chains to identify producers, predators and prey.

Vocabulary

Digestive system	Designed to extract the nutrients from food and get rid of the leftovers.
Digest	Break down food so that it can be absorbed by the body.
Nutrients	Substances found in food that carry out certain jobs in the body.

Premolars	Help to grind food.
Molars	Help to grind and chew.
Incisor	Help cut the food.
Canines	Used to hold and tear food.

mouth – the organ that takes in food and begins digestion using teeth and saliva

oesophagus – the organ that pushes food from the mouth to the stomach

stomach – the organ that squeezes and breaks down food

rectum – part of the large intestine where waste exits the body

intestines (small and large) – the organs that absorb nutrients and water from food

Canine, Incisor, Canine, Premolar, Premolar, Molar, Molar, Premolar, Premolar, Canine, Incisor, Canine

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producer → consumer / prey → consumer / predator

Working Scientifically

Enquiry Types	Observing changes over time	Pattern Seeking	Identifying, Grouping and Classifying	Fair Testing	Research	Problem Solving

I will research the structure of the digestive system and communicate my findings using diagrams and text.

I can compare the teeth of carnivores and herbivores and suggest reasons for the differences.
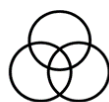
I can plan an enquiry to find out the effect of different substances on our teeth and interpret the results.

I will compare and contrast the diets of different animals and decide ways of grouping them according to what they eat.

Connecting Concepts

Compare

Identify, group and classify

Plan/perform investigations

Interpret and communicate results