

Science Exploration: Animals Including Humans with Nova and Max

Learning objective: To identify, describe, and categorise the digestive systems and teeth of humans and other animals.

Use these flashcards to test your knowledge of how humans and animals digest food. Read the front, think of the answer, then check the back to see if you are correct!

What is an omnivore?	Which type of teeth are used for tearing food, often found in carnivores?
An animal that eats both plants and other animals for energy.	Canines.
In the human digestive system, what is the role of the oesophagus?	What are molars used for?
It is the muscular tube that carries food from the mouth down to the stomach.	They are broad, flat teeth used for crushing and grinding food.
Explain the difference between a herbivore and a carnivore.	Where does the final stage of digestion occur before waste leaves the body?
A herbivore eats only plants, whereas a carnivore eats only meat.	The large intestine.
What is the function of incisors?	Why do herbivores often have very flat, broad teeth?
They are sharp, front teeth used for biting and cutting food.	Because they need to grind down tough plant fibres like grass and leaves.
What might happen if a human did not have molars?	Justify why humans are classified as omnivores.
We would struggle to grind our food into smaller pieces, making it difficult to swallow and digest properly.	Humans have a mix of incisors, canines, and molars, which allows us to eat both plant-based foods and meat.
Compare and contrast the teeth of a sheep and a lion.	Explain why the small intestine is a vital part of the digestive system.
A sheep has flat molars for grinding plants, while a lion has sharp canines for tearing meat; both have teeth adapted to their specific diets.	It is where nutrients from our food are absorbed into the bloodstream to give our bodies energy.