

KS2 Year 4 Animals including humans

Question	Answer
Why do we need food?	So that the body has enough energy to survive
What is the digestive system?	A series of organs that break down food so it can be absorbed by the body. It also gets rid of waste from the body
What is digestion?	When food passes through the body, nutrients are extracted and waste products excreted
Why do we need digestion?	Breaking complex food stuffs into simpler molecules that can be absorbed into the bloodstream
Where does the process of digestion begin?	In the mouth, food being chewed by the teeth and saliva added (mechanical digestion)
What is the name of the tube that carries food from the mouth to the stomach?	Oesophagus/gullet
What happens to food after it has been swallowed?	It passes down the oesophagus and into the stomach
What are the five types of teeth a human has?	Incisors, canines, premolars, molars, wisdom teeth
What is the role of the incisors?	To slice food
What is the role of the canines?	To tear food (especially meat)
What is the role of premolars?	To hold, tear and grind food.
What is the role of the molars?	To grind food
What is the role of the wisdom teeth?	Don't have a function anymore
At what age are children's teeth gradually replaced?	Between the ages of 6 - 12
How does the stomach break down food?	It releases acid and enzymes
Is the stomach an organ?	Yes
What is an organ?	A group of tissues working together to perform a specific job
What is bile?	A yellowish-green fluid that breaks large molecules of fats into smaller ones
What happens to food after it has been broken down in the stomach?	It moves through the duodenum to the small intestine

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'With God all things are possible'

What is the role of the small intestine?	Release enzymes and absorbs nutrients from food
What happens in the large intestine?	Absorbs water from undigested food
Where is undigested food stored?	The rectum, before being excreted through a muscle called the anus
What is a food chain?	A way to show how plants and animals get their energy
Where does the initial energy for a food chain come from?	The sun
What does a food chain always start with?	A producer
What is a producer?	An organism that makes its own food
Why do most food chains start with a green plant?	Plants can make their food by photosynthesis
What is a consumer?	A living thing that eats other plants and animals
How do consumers take in energy?	By eating plants or animals
What is a predator?	An animal that eats other animals
What are prey?	The animals that predators eat
Where are predators found?	The top of the food chain
What do the arrows in a food chain represent?	The direction that energy is travelling through a habitat