

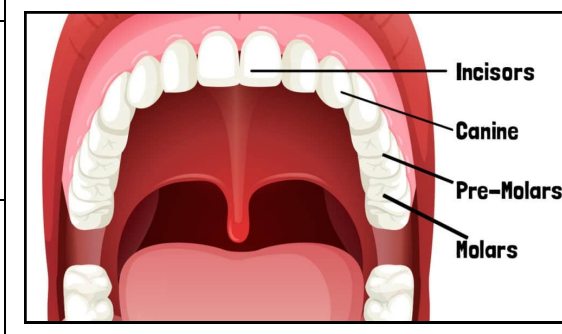
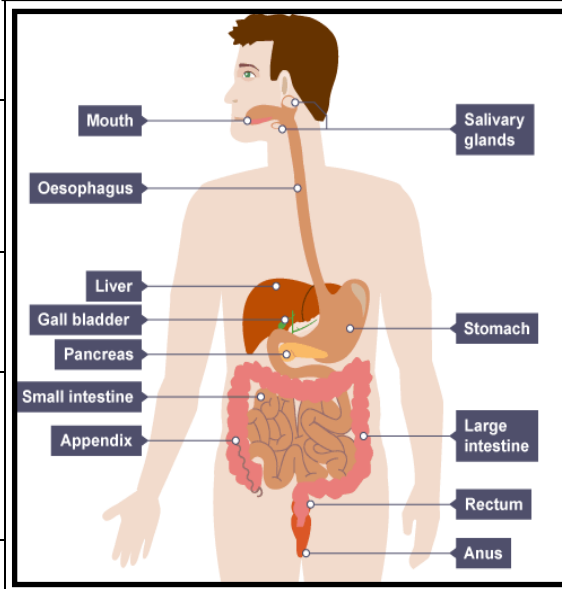
SCIENCE: YEAR 4 –ANIMALS INCLUDING HUMANS

Key Vocabulary

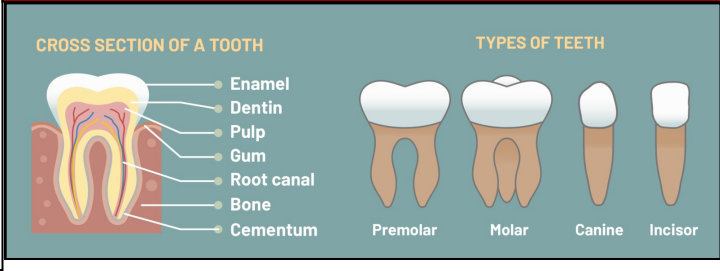
Anus	This is the opening at the very end of the digestive system through which faeces leaves the body
Large intestine	Food which cannot be broken down - mainly fibre - passes into the large intestine. Water is absorbed into the blood.
Liver	This organ releases a chemical called bile into the intestines. Bile breaks down lipids in the food
Oesophagus	This is a thin tube that connects the mouth to the stomach.
Pancreas	This releases enzymes into the intestines which break down carbohydrates, protein and lipids in food.
Rectum	Any undigested food passes into the rectum where it is stored as faeces
Small intestine	Here, carbohydrates, proteins and lipids digest. The nutrients produced are then absorbed into the blood
Stomach	This is a muscular bag which mixes food and drink with acid.

Objectives

- Describe the simple functions of the basic parts of the digestive system in humans.
- Identify different types of teeth in humans.
- Construct and identify a variety of food chains, identifying producers, predators and prey.

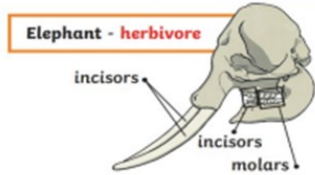
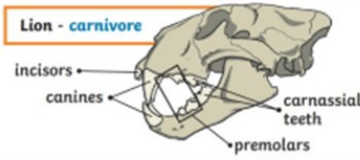
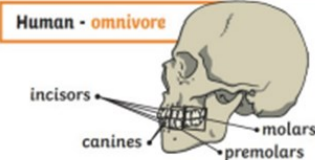


Key Vocabulary



Canine	Sharpest teeth. Next to incisors and used for tearing. Sharp and pointed in predators for killing prey.
Dentine	Found underneath the enamel and is similar to bone.
Enamel	The visible part of the tooth. It is harder than bone and protects the tooth.
Incisors	Teeth at the front of the mouth and used for biting
Molars	Teeth at the back of the mouth. Used for chewing and grinding food. Wide and flat in shape, including wisdom teeth at the back which appear in adulthood.
Pre-molars	Flat, wide teeth that are used for chewing towards the back of the mouth.
Pulp	Found in the centre of the tooth and is full of blood vessels and nerves. It supplies the tooth with nutrients.

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Key Vocabulary		Objectives	Key Information
Carnivore	An animal that eats meat	<ul style="list-style-type: none"> Describe the simple functions of the basic parts of the digestive system in humans. Identify different types of teeth in humans. Construct and identify a variety of food chains, identifying producers, predators and prey. 	<div style="border: 1px solid red; padding: 5px;"> <p>Herbivore</p> <p>Elephant - herbivore</p>  <p>incisors incisors molars</p> </div>
Consumer	A living thing that eats other plants and animals		<div style="border: 1px solid red; padding: 5px;"> <p>Carnivore</p> <p>Lion - carnivore</p>  <p>incisors canines carnassial teeth premolars</p> </div>
Food chain	The order in which living things depend on each other for food		<div style="border: 1px solid red; padding: 5px;"> <p>Omnivore</p> <p>Human - omnivore</p>  <p>incisors canines molars premolars</p> </div>
Herbivore	An animal that only eats plants		
Omnivore	An animal that eats both plants and animals		
Predator	An animal that hunts, catches and eats other living things		
Prey	An animal that is hunted, caught and eaten by other living things		
Producer	A plant that produces its own food.		

