

Significant person:

James Lind is remembered as the man who helped to conquer a killer disease. His reported experiment on board a naval ship in 1747 showed that oranges and lemons were a cure for scurvy (symptoms: leg pain, bleeding gums)



Year 4 Science Digestion & Teeth

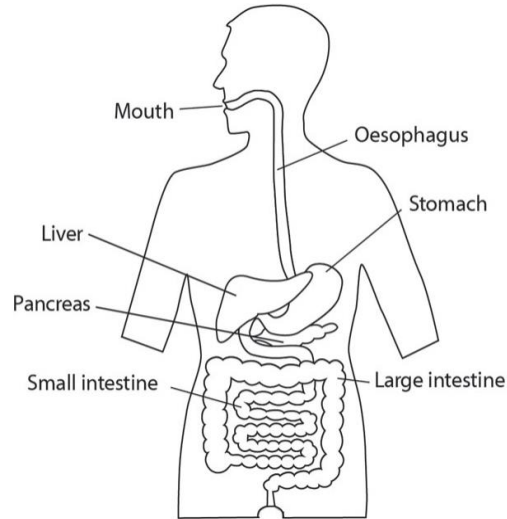


Key vocabulary

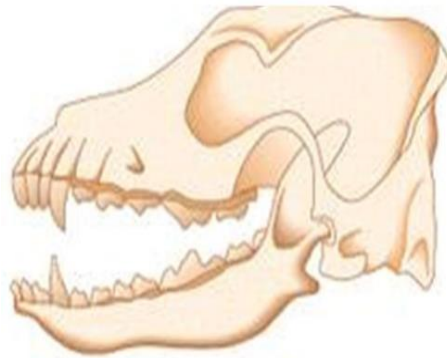
teeth	Our teeth have different names; incisors, molars and canines all have different jobs. Some are good for tearing; some for biting and some for chewing
saliva	Saliva helps keep the mouth moist and contains an enzyme that starts to break down food even before it hits your stomach
oesophagus	The oesophagus connects your mouth to your stomach. When you swallow food, the walls of the oesophagus squeeze together.
digestion	Digestion is the process of turning the food you eat into nutrients which the body uses
stomach	When your stomach receives food, it contracts and produces acids that break down food. When your stomach has broken down food, it passes it to your small intestine
intestine	The small intestine breaks down food from the stomach and absorbs much of the nutrients from the food. Once most of the nutrients have been removed, the remaining food, which is mostly waste, moves into your large intestine. The purpose of the large intestine is to absorb water from the material that has not been digested as food, and get rid of any waste products left over.
bacteria	Sugary foods feed the bacteria in our mouths. That bacteria creates plaque which is what harms our teeth

The Digestive System

What happens to food inside our bodies?



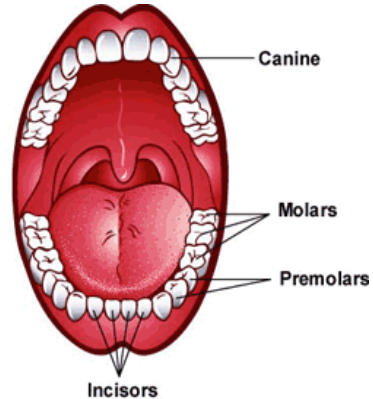
A dog is a **carnivore** - it has sharp incisors for cutting meat, pointy canines for holding prey, and jagged molars all along the jaw for chewing



Key Knowledge

- What food does our body need to keep us healthy? (Food, water and warmth)
- How else do we stay healthy? (sleep, personal hygiene, exercise)
- The digestive system- the digestive system includes the mouth, the oesophagus, the stomach, and the small and large intestines. The liver, the gallbladder, and the pancreas also help in the process of digestion.
- Digestion is the process by which food and drink are broken down into smaller parts so that the body can use them to grow and to provide energy

A human's teeth -



Cows are **herbivores**. Why are cow's teeth arranged differently to a human's?

