

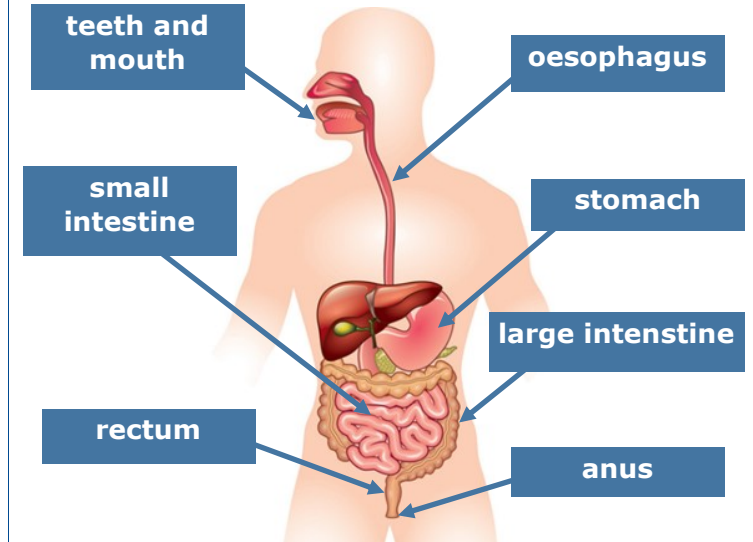
Knowledge Organiser Science Year 4

The human body: digestive system

Key Vocabulary

digestive system	The organs in your body involved in the digestion of food.
digestion	This is the way the body breaks down food so the body can absorb it.
salivary glands	Any of three pairs of glands in the mouth and digestive system that secrete saliva for digestion
peristalsis	Movement of organ walls that propels food and liquid through the digestive system
oesophagus	The tube that leads from the mouth through the throat to the stomach.
stomach	The organ into which food passes from the oesophagus for mixing and digestion before passing to the small intestine
molecule	Molecules are particles that make up everything around you.
small intestine	The main site of the digestion of food into small molecules which are absorbed into the body.
large intestine	Takes water and some minerals from leftover food material and creates solid waste.

The Digestive System



The main parts of the digestive system:

- Food enters the body through the **mouth**
- The **teeth** start to break the food down. **Saliva** is added and the tongue rolls the food into a ball.
- After swallowing, the food passes down the **oesophagus** to the stomach
- In the **stomach** the food is broken down further by being churned around and some chemicals are added.
- Food passes into the **small intestine**. Here **nutrients** are removed from the food to be used elsewhere in the body.
- The rest passes into the **large intestine** where **water** is removed to be used elsewhere in the body.
- What is left is then stored in the **rectum** until it leaves the body through the **anus** when you go to the toilet

Teeth

Humans have 4 types of teeth:
 incisors – used for cutting
 canines – rip and tear food
 molars and premolars – for grinding and chewing food

