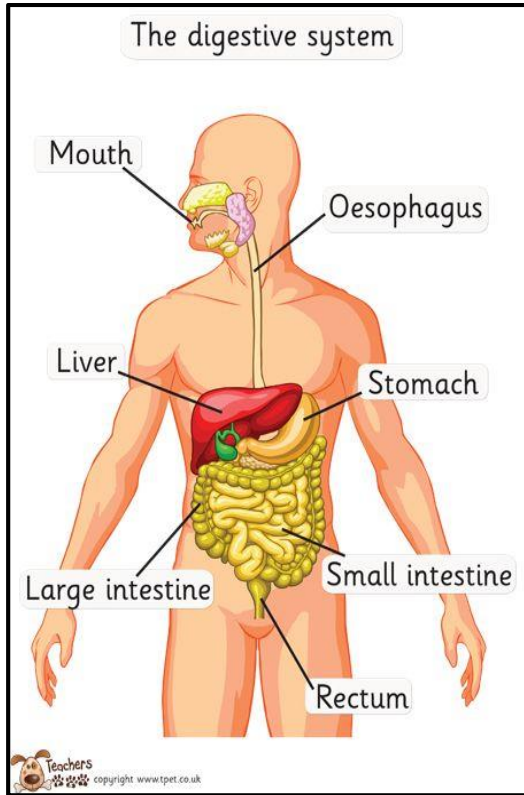




Y3/4 Knowledge Organiser: Burps, Bottoms and Bile

- Describe the simple functions of the basic parts of the digestive system in humans.
- Identify the different types of teeth in humans and their simple function.



Digestive System

- Mouth:** Teeth chew food into small pieces in the mouth. The pieces mix with saliva containing enzymes to start digestion.
- Oesophagus:** The muscles in the oesophagus move a ball, or bolus, of food down to the stomach.
- Stomach:** The muscles in the stomach churn food and acids/enzymes break it down. This can take 2-6 hours.
- Small Intestine:** Partially digested food travels through the small intestine and nutrients are absorbed into the body. This can take 3-5 hours.
- Large Intestine:** removes excess water from the food that can't be digested to make solid faeces. This can take 4-72 hours.
- Rectum:** The faeces are stored in the rectum ready to leave the body.

Glossary

Absorb	Take in or soak up a substance
Bacteria	Microorganisms that are found everywhere. Some are useful but others cause disease.
Bolus	Small, chewed-up lump of food.
Decay	Damage caused by bacteria.
Digestion	Process where food is broken down and absorbed inside the body after being eaten.
Digestive System	Parts of the body that are responsible for digesting food.
Enzyme	Chemical in the body that speeds up changes.
Faeces	Solid waste passed out of the body after digestion (poo).
Microorganism	Living thing that can only be seen with a microscope.
Nutrient	A substance needed by the body to live and grow.
Saliva	Liquid in the mouth that contains enzymes and starts digestion.
Tongue	Muscular organ in the mouth that is involved in swallowing.

Premolars: large for crushing/grinding.

Canines: sharp for ripping/tearing.

Incisors: sharp and flat for biting/cutting.

Molars: large for grinding.

