

Knowledge Organiser

What happens to the food we eat?

Science- Sticky facts

- The digestive system is responsible for breaking down food we eat into smaller components so that nutrients can be easily absorbed by the body and the waste discarded.
- There are two types of digestion. Mechanical digestion is the physical breakdown of large pieces of food into smaller pieces through, chewing. While chemical digestion uses enzymes to break down this food mass further into small molecules which the body can separate and use.
- Teeth are used to help break down food.
- Humans form 2 sets of teeth over the course of their lives. The first set (sometimes called baby teeth) features 20 teeth. The second set (sometimes called adult teeth) features 32 teeth.
- Humans have a variety of teeth including molars, premolars, canines and incisors.
- A food chain often begins with a plant because it is able to make its own food. This type of link on the food chain is referred to as a producer.
- The first animal to eat the producer is referred to as the primary consumer. An animal that eats the primary consumer is referred to as a secondary consumer.

Other interesting facts.

- Carnivores and herbivores have different teeth.

Geography To understand the use of land, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water.

Key Vocabulary

Tooth decay- is the softening of your tooth enamel and refers to the damage of the structure of the tooth caused by acids.

Plaque- is a soft, sticky film that builds up on your teeth and contains millions of bacteria.

Enamel- is the thin outer covering of the tooth. This tough shell is the hardest tissue in the human body.

Variables- factor that is liable to vary or change.

Conclusion summarise how your results support or contradict your original hypothesis (prediction).

Digestion- decomposition of food.

Oesophagus- is a muscular tube about 25cm (10in) long. It connects your mouth to your stomach

Duodenum- is the first part of the small intestine

Pancreas- is an organ located in the abdomen. It plays an essential role in converting the food we eat into fuel for the body's cells.

Enzymes- Substances in humans that speed biochemical reactions