



Prior learning to reactivate

The importance of nutrition and how water and oxygen are transported in humans. Skeletal and muscular systems in the human body. That animals can be classified by what they eat.

Key learning

The digestive system breaks down food and releasing goodness into our body and getting rid of waste.

Each organ in the digestive system has a different function.

Humans have 5 different types of teeth — incisors, canines, premolar, molar and wisdom

Human teeth have different functions

Food chains can be used to identify animals as producers, predators and prey

Key vocabulary

liver	An organ in the body that cleans blood, stores sugar and produces bile which aids digestion.
saliva	A watery secretion in the mouth that contains enzymes and aids digestion
gland	Glands release substances called hormones which tell the body how to grow and work
excrete	To get rid of waste
anus	The opening where waste comes out of the body
absorb	To soak up or take in
pancreas	A long flat gland behind the stomach that produces enzymes to aid digestion.
oesophagus	The tube from the mouth to the stomach
intestine	a long tin which most of the digestion and absorption of food occurs and through which waste material passes to be discharged
enzyme	Special proteins that speed up chemical reactions in the body.
rectum	The last part of the intestine which holds waste
colon	The longest part of the large intestine which removes water and some nutrients form partially digested food.

SCIENTIFIC SKILLS

By the end of the year, children should be able to...

- Ask their own questions relating to the topic
- Make predictions about the outcomes of investigations
- Set up simple practical investigations
- Be able to identify simple ways in which a fair test can be created
- Make simple observations, including through the use of a range of recording/measurement equipment
- Gather and record data
- Present data in a variety of ways, including diagrams, charts, tables, and graphs
- Draw simple conclusions on results and link back to the theory discussed
- Suggest improvements for further investigations

Opportunities for scientific enquiry within the unit:

- Compare teeth of carnivores and herbivores and explain reasons for differences.
- Find out what damages teeth and how to look after them.
- Investigate how acid helps in the breakdown of food..

