

Year 4 Term 3

Should we trust our first impressions?

SCIENCE



National Curriculum Links:

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 functions.
Construct and interpret a variety of food chains, identifying producers, predators and prey.

Essential Prior Learning:

Know that animals, including humans, need the right types and amounts of nutrition as they cannot make their own food, they need to eat it.

Progression in Skill:

Use secondary sources: books, photographs and videos.
Collect, gather, record, present data and report on findings from their own enquiries/observations and measurements using simple scientific language in a variety of ways to help in answering questions, including oral and written explanations, displays or presentations, drawings, labelled diagrams, bar charts and tables of results and conclusions.
Read and spell simple scientific vocabulary correctly.

Long-term Memory Knowledge:

Name the main parts of the human digestive system and the function of each.
Name the different types of human teeth and the main function of each.

Construct food chains and interpret those made by others.
Identify producers, predators and prey.
Understand that sometimes we need to learn from watching or reading about the work of others to learn: we cannot investigate everything practically in the classroom.
Use and understand the key vocabulary.
Explain what you have observed/learned/found out through writing and diagrams.
Draw a conclusion from an investigation.

Key Vocabulary

digestion	the process of separating food into nutrients and waste
stomach	where food is broken down chemically
saliva	juices in the mouth that aid the first stage of digestion
large intestine	the part of the body where moisture is separated from food
small intestine	the part of the body where nutrients and minerals are absorbed
oesophagus	a tube that carries food between the mouth and stomach
rectum	where waste exits the body
adaptation	an organism being suited to live in its habitat
prey	an animal that is caught and killed by another for food
predator	an animal that lives by killing and eating other animals
food chain	a series of living things each dependent on the next as a source of food
producer	a living thing that can create its own food or energy

consumer	any living thing that doesn't make its own energy and eats other plants and/or animals to get the energy it needs
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Progression in Resources:

Teeth models, disclosing tablets, Ziploc bags, crackers, orange juice

Relevance

Now	Children know what happens to the food they eat once they've eaten it; they know it's important to care for their teeth by brushing and visiting the dentist.
Future	As adults, children recognise when their body is not working as it should and seek medical advice.
Aspiration	Children pursue a career in medicine, health and/or nutrition; they have an interest in experimenting with food in the kitchen at home and enjoy creating new dishes.