

Science Overview - Animals Including Humans

Year 3/4 Cycle A

Autumn 2

Key Question: How do human actions affect our planet?

National Curriculum

- 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

SUBSTANTIVE KNOWLEDGE

- Know the names and functions of the basic parts of the digestive system (oesophagus, stomach, small/large intestine, rectum).
- Know the names of different types of human teeth and their simple functions (incisor, canine, molar and premolar).
- Know that the teeth of an animal are designed to eat different foods depending on the diet of the animal.
- Using observations over time to find out which drinks cause the most tooth decay.
- Know that some animals are herbivores, carnivores or omnivores and what they eat.
- Know how to construct and identify food chains- identifying producers, predators and prey.

Key words:

digest
producer
consumer

Vocabulary:

oesophagus, stomach, small intestine, large intestine, rectum, herbivore, carnivore, omnivore, predator, prey, food chain

Working scientifically

- Make systematic and careful observations

Enquiry type to cover and enquiry question

Observing over time (enquiry type)
Which drinks decay teeth the most over time?

Learning Milestones /Assessment

- I can...
- Identify and name parts of the digestive system.
 - Match parts of the digestive system to their function.
 - Describe a simple food chain.
 - Explain what a herbivore, carnivore and omnivore are.
 - Name some types of teeth and describe their functions.