






<p>Programme of Study Statements Describe the simple functions of the basic parts of the digestive system in humans.</p> <ul style="list-style-type: none"> 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. 					<p>Key Vocabulary Digestive system, digestion, mouth, teeth, saliva, oesophagus, stomach, small intestine, nutrients, large intestine, rectum, anus, teeth, incisor, canine, molar, premolars, herbivore, carnivore, omnivore, producer, predator, prey, food chain</p>
<p>Investigations and Skills for thinking like a Scientist</p> <div style="display: flex; justify-content: space-around; align-items: center;">      </div>					<p>Sticky Knowledge:</p> <p>Animals have teeth to help them eat.</p> <ul style="list-style-type: none"> Different types of teeth do different jobs. Food is broken down by the teeth and further in the stomach and intestines where nutrients go into the blood. The blood takes nutrients around the body. Nutrients produced by plants move to primary consumers then to secondary consumers through food chains.
<p><u>Comparative Tests</u></p> <p>In our class, are omnivores taller than vegetarians?</p>	<p><u>Identify & Classify</u></p> <p>What are the names for all the organs involved in the digestive system?</p> <p>How can we organise teeth into groups?</p>	<p><u>Observation over time</u></p> <p>How does an eggshell change when it is left in cola?</p>	<p><u>Pattern seeking</u></p> <p>Are foods that are high in energy always high in sugar?</p>	<p><u>Research</u></p> <p>How do dentists fix broken teeth?</p> <p>Do all organisms eat the same things?</p> <p>Why do some people need different diets? (weightlifter vs marathon runner)</p>	<p><u>Prior Knowledge:</u></p> <ul style="list-style-type: none"> Identify that animals, including humans, need the right types and amount of nutrition, and that they cannot make their own food; they get nutrition from what they eat. (Y3 - Animals, including humans)
<p>Potential Evidence to support our Scientists (I can.):</p> <ul style="list-style-type: none"> Can sequence the main parts of the digestive system Can draw the main parts of the digestive system onto a human outline Can describe what happens in each part of the digestive system Can point to the three different types of teeth in their mouth and talk about their shape and what they are used for Can name producers, predators and prey within a habitat Can construct food chains 					<p><u>Future Knowledge:</u></p> <ul style="list-style-type: none"> Identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood. (Y6 - Animals, including humans) Recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function. (Y6 - Animals, including humans) Describe the ways in which nutrients and water are transported within animals, including humans. (Y6 - Animals, including humans)

- Can use diagrams or a model to describe the journey of food through the body explaining what happens in each part
- Can record the teeth in their mouth (make a dental record)
- Can explain the role of the different types of teeth
- Can explain how the teeth in animal skulls show they are carnivores, herbivores or omnivores
- Can create food chains based on research

Big Question:

What do our bodies do with the food we eat?

Cultural Capital

Visits and visitors

Redwood (Food chains)
Wild Place
Westonbirt Arboretum
Visit from a dentist

Experiences and events

School sports day
Sports clubs after school

Key texts

Human Body Odyssey
(Werner Holzwarth)
Crocodiles Don't Brush Their Teeth
(Colin Fancy)
Wolves
(Emily Gravett)

Community events and links

Food Bank
Take part in the Wickwar Fun Run

Global issues

Food shortages in different countries. Global Aid charities.
Destruction of the Rainforest.
Deforestation and land clearance.

Famous people/ Key Scientists

Ivan Pavlov
(Digestive System Mechanisms)
Joseph Lister
(Discovered Antiseptics)

Life Skills

Curiosity
Teamwork
Problem Solving
Resilience
Making Links

Key places

Lower Woods
School grounds
Wickwar Playing Fields