



Autumn 1	Animals, including humans					
Prior learning						
Lesson objective	Identify the organs in the digestive system.	Describe the functions of the main organs in the digestive system.	Identify the types of human teeth and their functions.	Investigate the effects of different liquids on the teeth.	Understand food chains.	Explore food webs.
Key vocabulary	Digestive system, oesophagus, stomach, small intestine, large intestine.	Saliva, peristalsis, absorb, liver, gall bladder.	Incisors, canines, molars, jaw, gum.	Enamel, plaque, tooth decay, cavity, fluoride.	Ecosystem, producer, consumer, prey, predator.	Food web, tundra, hide, interdependence, threatened.
Creative context						
Substantive knowledge	Describe the simple functions of the basic parts of the digestive system in humans.	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.	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.	Construct and interpret a variety of food chains, identifying producers, predators and prey.
Disciplinary knowledge	Recording findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables.	Making systematic and careful observations. Reporting on findings from enquiries, including oral and written explanations.	Recording findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables.	Setting up simple practical enquiries, comparative and fair tests. Using results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions.	Recording findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables.	Recording findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables.
Recorded learning	Cut out and label diagram of organs. Label and write a	Complete table to explain the journey the food takes	Give image of mouth and teeth, children to label	Ask the children to investigate the effects different	Food chain diagram drawn and labelled. Answer questions	Research a food web using internet containing 8



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	sentence explaining the role of the digestive system.	describing the function of each organ.	and colour code. Write paragraph explaining the functions of each type of tooth, gums and jaw. Ext: Why do humans have two sets of teeth in their life?	liquids have on teeth. They should make observations on each egg and draw and complete a results table. They should also brush an area of the egg and observe if there is any change. Then, write a paragraph to answer the questions to explain how the test was conducted fairly, the importance of a control and the conclusions.	from handout directly into book.	different organisms from one ecosystem. Identify and label each organism as a consumer, producer, predator, prey or apex predator. Add arrows to show energy flow through the food web.
Future learning						