

Overview – Year 4 Autumn 2 Animals Inc. Humans

Lesson	Objectives	Scientific enquiry	Equipment list
1. Can we group animals by what they eat?	<ul style="list-style-type: none"> Recall why plants are important Recall which feeding group animals belong to Explain the importance of herbivores 	Design a predator Research using secondary sources, pattern-seeking, identifying and classifying	Mixed media
2. Who eats what?	<ul style="list-style-type: none"> Understand what is meant by a food chain Construct food chains Describe how food chains can be disrupted 	Build a food chain Ask simple questions and recognise that they can be answered in different ways., observe closely, using simple equipment, Identify and classify, Use observations and ideas to suggest answers to questions	3 or 4 plastic cups/ paper cups with a long lip, paper, scissors, glue or Sellotape, magazines, felt tip pens
3. Why are we born without teeth?	<ul style="list-style-type: none"> Understand what is meant by digestion Identify the parts of the human digestive system Explain how digestion begins in the human body 	Tooth decay investigation Set up simple practical enquiry, comparative test, predicting, conclusion based on evidence, evaluation and suggestions for improvement	4 plastic cups of beakers, vinegar, water, cola, orange juice (or other liquids), 4 boiled eggs
4. Why doesn't the stomach digest itself?	<ul style="list-style-type: none"> Recall the role of the oesophagus Describe the conditions in the stomach 	Investigating digestion in the stomach	4 food bags, labels, pens, crackers, water, vinegar

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	<ul style="list-style-type: none"> Explain how the stomach breaks down food in animals 	Set up simple practical enquiry, comparative test, predicting, conclusion based on evidence, evaluation and suggestions for improvement	
5. How big is the small intestine?	<ul style="list-style-type: none"> Recall the structure of the small intestine Describe the role of the small intestine Explain what happens to nutrients that are absorbed across the small intestine 	<p>Model digestion in the small intestine</p> <p>Set up simple practical enquiry, observation, conclusion based on evidence (used to explain a model)</p>	Crackers, Ziploc bag, 25ml water, 25ml vinegar, tray, tights, scissors, paper plate
6. Are all bacteria bad for us?	<ul style="list-style-type: none"> Recall the structure of the large intestine Describe the role of the large intestine Explain the role of bacteria in the large intestine 	<p>Model of the whole digestive system</p> <p>Set up simple practical enquiry, observation, conclusion based on evidence (used to explain a model)</p>	Banana, cereal, Ziploc bag, 25ml water, 25ml orange juice, tray, tights, scissors