

OBJECTIVE	MILESTONE INDICATORS	BASIC ACTIVITIES	ADVANCED ACTIVITIES	DEEP ACTIVITIES	RESOURCES
Sort animal groups	<p><b>Milestone 1</b> Biology To understand animals &amp; humans: Identify &amp; name a variety of common animals that are carnivores, herbivores &amp; omnivores. Investigate &amp; describe the basic needs of animals, including humans, for survival (water, food &amp; air). Describe the importance for humans of exercise, eating the right amounts of different types of food, &amp; hygiene.</p>	I can sort animals into carnivores, herbivores & omnivores.	I can sort animals using a Venn Diagram.	I can explain the terms: carnivores, herbivores & omnivores; & give examples.	PowerPoint, pictures, hoops
Explore food chains		I can create food chains.	I can label my food chains with predator & prey.	I can explain what producers & consumers are.	PowerPoint, pictures, arrows
Understand food groups	<p>To investigate living things: Describe how animals obtain their food from plants &amp; other animals, using the idea of a simple food chain, &amp; identify &amp; name different sources of food.</p>	Match foods to food groups, & then add to groups.	Categorise foods - using prompts.	Investigate foods that belong to more than 1 food group - why?	Labels of food groups, pictures of foods
Explore different diets		Create a balanced lunch box.	Label food pyramid & add foods to sections.	Create a balanced day's menu for a vegetarian.	Pyramid template, prompts

<p>Understand the functions of bones, muscles &amp; the heart</p>	<p><b><u>Milestone 2</u></b>                  Biology                  To understand animals &amp; humans:                  Identify that animals, including humans, need the right types &amp; amounts of nutrition, that they cannot make their own food &amp; they get nutrition from what they eat.                  Construct &amp; interpret a variety of food chains, identifying producers, predators &amp; prey.                  Identify that humans &amp; some animals have skeletons &amp; muscles for support, protection &amp; movement.                  To investigate living things:                  Recognise that living things can be grouped in a variety of ways.</p>	<p>Explain the function of the heart.</p> <p>Play IW game putting skeleton together, then label a skeleton.</p> <p>Sort animals into categories, &amp; add their own examples.</p>	<p>Measure heart rate &amp; describe what happens when we exercise.</p> <p>Label a skeleton &amp; explain the functions of the main bones.</p> <p>Choose different species of animals &amp; compare their skeletons, explaining why they are different.</p>	<p>Draw a graph comparing heart rates during rest &amp; exercise.</p> <p>Investigate how heart rate is linked to muscle function.</p> <p>Investigate exoskeletons, giving reasons for the animals' anatomy &amp; citing evidence.</p>	<p>IW game &amp; pictures, big body template, skeleton templates, x-rays, exercise equipment, results table, stop watches</p> <p>Pictures of animals &amp; animal skeletons</p>
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