

Animal Kingdom: Pre/Post Vocabulary and Concept Inventory

The purpose of the vocabulary inventory is to capture what students know about key concepts before and after instruction.

The pre/post inventory is divided into two categories:

- (1) five of the main animal groups in the animal kingdom (**mammals, amphibians, fish, birds, and arthropods**)
- (2) key concepts that apply to each animal group—**description, habitat, behavior, and life cycle**.

General directions for using the inventory:

1. Tell students that they are going to tell what they know about some very big words. Explain that the words maybe ones they have not heard before. Reassure them that is okay.
2. Write down what the students say. Possible responses are provided for easy check off. Encourage students to “tell more” after they provide a response. The goal is to capture students’ vocabulary and concept knowledge pre and post instruction.
3. Save the recording sheets to use post-instruction to compare with prior knowledge.

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Date _____

Date _____

PRE – Concept Questions	POST – Concept Questions
<p>What can you tell me about fish?</p> <p><input type="checkbox"/> Live in water</p> <p><input type="checkbox"/> Have scales</p> <p><input type="checkbox"/> Breathe through gills</p>	<p>What can you tell me about fish?</p>
<p>What can you tell me about mammals?</p> <p>Possible content for response:</p> <p><input type="checkbox"/> Has hair</p> <p><input type="checkbox"/> Has backbone</p> <p><input type="checkbox"/> Warm-blooded</p> <p><input type="checkbox"/> Mothers make and feed milk to babies</p>	<p>What can you tell me about mammals?</p>
<p>What can you tell me about birds?</p> <p>Possible content for response:</p> <p><input type="checkbox"/> Have wings</p> <p><input type="checkbox"/> Can fly</p> <p><input type="checkbox"/> Lay eggs which hatch into baby birds</p>	<p>What can you tell me about birds?</p>
<p>What can you tell me about amphibians?</p> <p>Possible content for response:</p> <p><input type="checkbox"/> Can live in water and on land</p> <p><input type="checkbox"/> Often change stages as it grows from birth to adult</p>	<p>What can you tell me about amphibians?</p>
<p>What can you tell me about arthropods?</p> <p>Possible content for response:</p> <p><input type="checkbox"/> Have more than four legs</p> <p><input type="checkbox"/> Legs have joints</p> <p><input type="checkbox"/> Skeleton is on the outside of the body</p>	<p>What can you tell me about arthropods?</p>
<p>Comments and Observations:</p>	

PRE – Concept Questions	POST – Concept Questions
<p>Have you heard the word description? <input type="checkbox"/> yes <input type="checkbox"/> no</p> <p>Can you tell me what the word means?</p>	<p>Have you heard the word description? <input type="checkbox"/> yes <input type="checkbox"/> no</p> <p>Can you tell me what the word means?</p>
<p>Have you heard the word habitat? <input type="checkbox"/> yes <input type="checkbox"/> no</p> <p>Can you tell me what the word means?</p>	<p>Have you heard the word habitat? <input type="checkbox"/> yes <input type="checkbox"/> no</p> <p>Can you tell me what the word means?</p>
<p>Have you heard the word behavior? <input type="checkbox"/> yes <input type="checkbox"/> no</p> <p>Can you tell me what the word means?</p>	<p>Have you heard the word behavior? <input type="checkbox"/> yes <input type="checkbox"/> no</p> <p>Can you tell me what the word means?</p>
<p>Have you heard the words life cycle? <input type="checkbox"/> yes <input type="checkbox"/> no</p> <p>Can you tell me what the word means?</p>	<p>Have you heard the words life cycle? <input type="checkbox"/> yes <input type="checkbox"/> no</p> <p>Can you tell me what the word means?</p>
<p>Comments and Observations:</p>	