

BUILD A ZOO TASK

NAME: _____

Topic	Novice	Apprentice	Practitioner	Expert
Plants	<p>*I know the meaning of...</p> <ul style="list-style-type: none"> -annual -non-flowering/flowering -deciduous -spores -evergreen -fruit -conifer -mosses -ferns 	<p>*Classify plants by flowering/non-flowering.</p>	<p>*Recognize that plants use energy from the Sun, air and water to make their own food and place them appropriately in my zoo.</p> <p>*Classify flowering and nonflowering plants into major groups and place them appropriately in my zoo.</p>	<p>*Create an imaginary plant and explain in written form how this living thing changes with the seasons to meet its basic survival needs. (If a plant, include how photosynthesis affects these changes.)</p>
Animals	<p>*Name the five major vertebrate groups.</p> <ul style="list-style-type: none"> ● mammals ● birds ● reptiles ● amphibians ● fish 	<p>*Give an example of each of the five major vertebrate groups.</p> <ul style="list-style-type: none"> ● mammals ● birds ● reptiles ● amphibians ● fish 	<p>*Classify animals into:</p> <p>*<u>Vertebrates</u>: mammals, birds, reptiles, amphibians, fish</p> <p>*<u>Invertebrates</u>: arthropods, insects</p> <p>*Label these groups on your zoo.</p>	<p>*Create an imaginary animal and explain in written form how this living thing changes with the seasons to meet its basic survival needs. (If a plant, include how photosynthesis affects these changes.)</p>
Needs of Living Things	<p>*Recognize that animals and plants have basic needs</p> <p>*Name the four seasons and how they are different</p>	<p>*Name the basic needs of plants and animals.</p> <p>*Explain how the seasons affect plants or animals.</p>	<p>*Compare and contrast the basic needs of plants and animals for survival. Place plants and animals with similar needs near each other in the zoo.</p> <p>*Describe how animals and plants respond to changing seasons. Place these appropriately in the zoo.</p>	<p>*Research a living thing (plant or animal's) basic needs and create a how-to video or poster on how to take care of it.</p>
Presentation (Model and writing piece using the writing rubric)	<p>*Use few content vocabulary when speaking about my project</p> <p>*Make some aspects of my project visually appealing</p>	<p>*Use some content vocabulary when speaking about my project</p> <p>*Make a visually appealing project (colorful, neat)</p>	<p>*Use content vocabulary when speaking about my project.</p> <p>*Make a visually appealing zoo (colorful, neat, clearly labeled)</p>	<p>*I can do all practitioner plus:</p> <p>*Make recommendations to classmates ways that they can strengthen their own writing.</p>

BUILD A ZOO TASK

NAME: _____