**MY FAVORITE ANIMAL (*Part 2*)**Now that you have gathered the required information about your favorite animal, you will use it to create a document that will include several ecological illustrations including: a Food Web, an Ecological Pyramid, Habitat map, and the Biological Levels of Organization. This project will be graded on attention to detail and scientific accuracy.

***General Requirements:***

* Each component must contain pictures
* Pictures must be in COLOR
* Each section should have a title
* All pictures should be labeled appropriately according to the instructions below
* All sections should be ORIGINAL—you are creating each component (no pre-made food webs or pyramids)

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| **FOOD WEB (10 organisms total)**-include your favorite animal & at least 5 other animals-at least 3 producers-at least 1 decomposer or detritivore-show how an animal can eat multiple things- arrows indicating accurate flow of energy- labeled with the following vocabulary; ***each*** organism should be labeled with both (or three) names:***producer, autotroph, consumer, heterotroph, herbivore, omnivore, carnivore, decomposer, detritivore*** |
| **ECOLOGICAL PYRAMID**-Must visually represent your favorite animal’s habitat (it should LOOK like that terrain)-should indicate Energy loss from bottom to top (use representative numbers)-should contain at least four levels-Label each level using the following terms for the levels: ***producer, primary consumer, secondary consumer, tertiary consumer*** |
| **BIOLOGICAL LEVELS OF ORGANIZATION**-Follow the example we used in class (like a dartboard)-use your favorite animal at the organism level in the center-continue outward to the biosphere level by including the appropriate things in each level.-label each level appropriately:***organism, population, community, ecosystem, biosphere*** |

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| **My Favorite Animal Ecology Poster Grading Rubric****Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Per: \_\_\_\_** |  |
| ***Food Web:***- Title - Fav Animal + 5 - 3 producers - 1 decomposer/detritivore - arrows in the correct direction - Labeled: (producer, consumer, autotroph, heterotroph, herbivore, omnivore, carnivore) **Total** | \_\_ / 1\_\_ / 1\_\_ / 1\_\_ / 1\_\_ / 1\_\_ / 7**\_\_ /12** |
| ***Ecological Pyramid:***- Title/Represents habitat - Did you include 4 levels? - example numbers at each level - Labeled: (producer, primary consumers, secondary consumers, tertiary consumers)  **Total** | \_\_ / 1\_\_ / 1\_\_ / 1\_\_ / 4**\_\_ / 7** |
| ***Levels of Organization:***- Title - 1 pt per level * labels

- pictures in each level **Total** | \_\_ / 1\_\_ / 4\_\_ / 2\_\_ / 4**\_\_ / 11** |
| ***Total Points:*** | **\_\_\_ / 30** |