**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** |