

Name: _____ Date: _____ Period: _____

Ecological Pyramid Worksheet

Part 1 : Create an Ecological Pyramid

- Color each row of the pyramid a different color
- 1st panel- label the trophic levels as: 1st trophic level, 2nd trophic level etc... label the 1st trophic level as 100% and label the 2nd-4th with the appropriate amounts
- 2nd panel- write the following terms in their proper location: tertiary consumer, secondary consumer, primary consumer and producer
- 3rd panel- write the following terms in their proper location: plants/producers, omnivores, herbivores, and carnivores
- 4th panel- draw 4 organisms in the 1st trophic level, 3 organisms in the 2nd trophic level, 2 organisms in the 3rd trophic level, and 1 organism in the 4th trophic level.

Part 2 : Questions

1. If the pyramid you created were an energy pyramid, how much energy would move from one trophic level to the next?
2. Why are there more producers in an ecosystem than consumers? (usually)
3. Why could an ecosystem support an omnivore more easily than a carnivore?
4. Using the organisms you drew on your pyramid, create a food chain and show it below. What do the arrows in the food chain represent?
5. Producers and Consumers can also be called what two terms?

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