

Pyramid Directions

1. Shade the first (bottom) level of each pyramid green.
2. Shade the second level of each pyramid yellow.
3. Shade the third level of each pyramid blue.
4. Shade the fourth (top) level of each pyramid red.
5. Label each level of the first pyramid side with the following terms as you move up the pyramid: producer, primary consumer, secondary consumer, tertiary consumer.
6. Label each level of the second pyramid side with the following terms as you move up the pyramid: plants, herbivores, carnivores, top carnivores.
7. Label each level of the third pyramid side with the following terms as you move up the pyramid: autotroph, 1st order heterotroph, 2nd order heterotroph, 3rd order heterotroph.
8. Draw a picture of what might belong in each level:
 - 1st: flowers, trees, grass, algae
 - 2nd: caterpillars, cows, grasshoppers, beetles
 - 3rd: , birds, frogs
 - 4th: lions, dogs, snakes
9. Fold your pyramid on the lines radiating from the center and tape it together.
10. Answer the following questions using your pyramid:
 - a. What are three terms used to describe organisms such as trees?
 - b. What are three terms used to describe organisms such as cows?
 - c. What are three terms used to describe organisms such as birds?
 - d. What are three terms used to describe organisms such as lions?
 - e. What do the organisms in each trophic level eat?
 - f. Do organisms always stay in the same level? Explain your answer.

Ecological Energy Pyramid

