3-D 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. On the second side of the pyramid draw a picture of what might belong in each level:

1st: flowers, trees, grass, algae

2nd: caterpillars, cows, grasshoppers, beetles

3rd: humans, birds, frogs

4th: lions, dogs, snakes

7. Label each level of the third pyramid side with the following terms as your move up the pyramid: autotroph, 1st order heterotroph, 2nd order heterotroph, 3rd order heterotroph.

8. Fold your pyramid on the lines radiating from the center and tape it together.

Answer the following questions using your pyramid:

a. What are three terms used to describe organisms such as trees?

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b. What are three terms used to describe organisms such as cows?

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c. What are three terms used to describe organisms such as humans?

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d. What are three terms sued to describe organisms such as lions?

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e. What happens to the number of organisms as you move up the trophic levels?

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f. What happens to the amount of energy passed on as you move up the levels?

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