

## Accompanying Journal questions or Discussion questions:

Time Needed: 20 minutes

This should be done after the reading activity above. You may choose to have students write down key points brought out in this discussion.

Did you find this activity difficult or easy? Why?

Did you find that most people agreed on the most important points of the reading?

Do you think scientists always agree on the most important ideas to be stressed in science?

Is it okay that your ideas of what is important might be different than mine, or your classmates?

What clues did the textbook give you to identify important ideas?

Why must ecosystems receive a constant input of energy in order to survive?

How does this need for energy correlate to the energy pyramid?

**(You may want to have the students do 20 squats or pushups together, hint: make sure you join them!) Then discuss the following questions:**

How did you just use energy?

What can you do to replace that energy you have lost?

List what you ate for breakfast or lunch today. Now draw the food chain and show the flow of energy that made that possible for you.

Using that food chain what are the forms that energy changes from?

Examine your food chain, now identify all the energy needed to produce that food. (hint: transportation, factories. . .) Now list the energy used to make that same product in a developing country.

How is the amount of energy we use different compared to developing countries? What are the consequences of this?