Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Tier 2 Energy Flow

In order to take form C of the quiz, you must complete the following questions correctly.

1. Draw a series of events to show the pathway of energy from the sun to when it is released as heat back into the atmosphere. Include the following types of energy, sunlight, photosynthesis (chemical), cellular respiration (chemical), mechanical, and heat.
2. Draw a food pyramid, label the trophic levels and consumer levels.
3. Draw a food chain with at least 4 organisms, label them as the type of producer or consumer they are.
4. Draw a food web (you can include your organisms from #3).
5. How much energy would get to the secondary consumer level of a pyramid that had 123,456 kilocalories available at the producer level?