

Name\_\_\_\_\_

Date\_\_\_\_\_

## Energy Flow—Questionnaire

Energy is a very subtle concept to master. Show what you know about energy by answering the following questions. Use another sheet of paper if you need more room.

1. What is the source of energy from inside the Earth? \_\_\_\_\_  
How does the energy flow to the surface?
  
2. What is the source of the Sun's energy? \_\_\_\_\_  
How does this energy travel to the Earth's surface and how does it affect us?
  
3. Describe the energy transformations which occur as the Sun's radiant energy passes through a glass window into an enclosed space.
  
4. How does solar energy cause storms on the Earth? How is this energy converted from its original form to wind and rain?
  
5. Where does the energy in living things come from? How is it converted from its original form to the energy needed by an organism to carry on life functions?
  
6. In your personal opinion, what was the source of energy that resulted in the extinction of the dinosaurs? Explain *why* you believe that.
  
7. Give at least three reasons why it is important to understand how energy flows through Earth's systems.