

Oh Where, Oh Where Did the Energy Go?

Directions: Below are several food chains. Use the list of organisms for each food chain and place them in order according to the flow of energy. Remember to start with energy coming to the earth. The path should go from the original source to the last organism to use the energy. Each of the items in the list should only be used once on a line.

- Hawk
- Bunny rabbit
- Sun
- Lettuce

1. _____ → _____ → _____ → _____

- Snake
- Cricket
- Rat
- Seed
- Sun
- Eagle

2. _____ → _____ → _____ → _____ → _____ → _____

- Shrubs
- Sun
- Mountain Lion
- Deer

3. _____ → _____ → _____ → _____

- Grass
- Cow
- Human
- Sun

4. _____ → _____ → _____ → _____

- Snake
- Lizard
- Hawk
- Sun
- Grasshopper
- Plant

5. _____ → _____ → _____ → _____ → _____ → _____

- Cod
- Algae
- Sun
- Krill
- Leopard Seal
- Killer Whale

6. _____ → _____ → _____ → _____ → _____ → _____

- Sun
- Herbivore
- Carnivore
- Producer
- Top Carnivore

7. _____ → _____ → _____ → _____ → _____

8. Take turns comparing your favorite food with 4 class members. Determine what level of the food chain your class members food came from.

Name	Favorite Food	Food Chain Level

9. Explain how energy is transferred within an ecosystem.

10. Describe why the sun is the beginning of all food chains.

11. What would happen if the producers in ay food chain were destroyed?

12. What do the arrows in questions 1-7 represent?