

Name: _____

Date: _____

Ecosystem Change – Questionnaire

Ecosystems are very complicated interactions between organisms but are very fragile. There is a great debate as to how much human activity is degrading them and causing a loss of species.

1. Describe an example of a living system.
2. What makes up an Ecosystem? Give an example of one.
3. What is the difference between a food web and a food chain?
4. Is energy gained or lost after it enters an Ecosystem?
5. What would happen on the Earth if the sun got cooler?
6. Why is it harmful for even small amounts of toxic substances to be put into the environment?
7. Why does the Earth have ice ages?

8. What is the difference between natural and artificial feedback?

9. How does the concentration of Carbon Dioxide in the atmosphere change during the year?

10. What causes the change?

11. What are some environmental changes that may occur if the Earth's climate were to warm up?

12. How are limiting factors and carrying capacity related?

13. Do all Ecosystems have the same carrying capacity?

14. What is biodiversity?

15. Why is it important to preserve habitats of organisms?

16. What is your personal opinion: Should we make the acquisition and preservation of undeveloped land a priority? If so, what could you do personally? If not, why not?