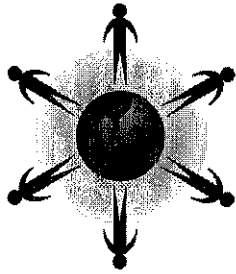


Boyles Science Packet 22-26

“Backyard Ecology”

Complete questions #1-23 for snow packets 22-26. For question 23 write a three sentence paragraph. I would recommend doing 1 page each day and do question 23 by itself on the fifth day. Remember to take pictures of your worksheets and send attachment on Livegrades message or you can turn in packets 1-21 on May 4 from 12pm – 6pm and packets 22-31 May 11 from 12pm – 6pm.

Thank you!



Name _____

Date _____

Backyard Ecology: An Ecological Assessment of Your Neck of the Woods

The first step in protecting our fragile environment is education. You must learn about the ecology of your immediate area, and take steps to protect, conserve and improve your local environment. How aware are you of the environment in which you live? Answer the following questions to assess your local environment.

1. How would you describe the area in which you live? Use terms such as desert, prairie, or coastal. Even if you live in a city, in which type of environment was the city built? _____

2. Describe the climate of your area. _____

3. Name 5 plants that seem to be native to your area. For each plant, list one reason why it is important to humans. For example, can these plants be used as a source of food? Are they used in landscaping?
 - a) _____
 - b) _____
 - c) _____
 - d) _____
 - e) _____
4. What type of wildlife can be found in your area? Make a list of the different animals that you have seen. _____

5. Referring to your list in question 4, are you aware of any laws or ordinances that protect any of these animals? If so, which animals, and why are they protected? _____

6. Make a list of any migratory mammals or birds that pass through your area. At what time of the year would you expect to see them? _____

7. Choose 3 birds found in your area and determine their niche.

a) _____

b) _____

c) _____

8. What agricultural products are grown in your area? Is there a problem in obtaining the water necessary for growing these crops? _____

9. What pests are found in your area that might interfere with the growing of crops or livestock? _____

10. How do you dispose of garbage? Where does the garbage go when it is collected? _____

11. Do you recycle in your home? If so, list the types of items that you recycle. _____

12. How can you and your family improve in your efforts to recycle? _____

13. List three organizations or agencies in your area that are involved in the conservation and protection of the environment. Describe the purpose of each agency/organization.

a) _____

b) _____

c) _____

14. What volunteer work have you done in your area to support the protection or conservation of the environment? _____

15. Are there any places in your area where you can go to fish? Would YOU eat the fish caught there?

16. When you consider the area in which you live, are there any obvious sources of pollution? If so, describe the source and the type of pollution. _____

17. How would you describe the air quality where you live? _____

18. How would you describe the water quality where you live? _____

19. Do you live in an area where logging or mining occurs? Are efforts made to restore the environment? _____

20. Other than recycling, what is done in your home that could be considered "conservation"? _____

21. What can you do at school to help conserve the resources of the environment? _____

22. Is there a recycling program at your school? What items at school could be recycled? _____

23. If your school does not participate in recycling, write a short paragraph in the space below to convince your principal to start a recycling program. _____

