Sustainability Notesheet C. Kohn, Waterford WI

Name: Hour Date:

Date Assignment is due: Why late? Score: + ✓ -  
 Day of Week Date If your project was late, describe why

**Directions**: Use the accompanying PowerPoint (*available online*) to complete this sheet. This sheet will be due upon the completion of the PowerPoint in class. These assignments are graded on a +/√/- scale.

1. Sustainability refers to   
     
   \_
2. How do we know that fossil fuels are *not* sustainable?
3. In addition to being limited in supply, what else makes fossil fuels unsustainable?   
     
   \_
4. List and describe the three components of sustainability:   
     
   1: Description:   
     
   \_   
     
   2: Description:   
     
   \_   
     
   3: Description:   
     
   \_
5. Draw and label the concentric circle model of sustainability to the right   
   (see the PowerPoint):
6. Why would the “economic” circle be   
   found within both the social and   
   ecological circles of sustainability?   
   What does this imply about economic  
   sustainability?   
     
   \_   
   *Hint: can we have economic sustainability without ecological or social sustainability?*
7. What is an example of ecological sustainability?   
     
   \_
8. What is an example of social sustainability?   
     
   \_
9. What is an example of economic sustainability?   
     
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10. Summarize how the Dust Bowl affected our perceptions of sustainability and its importance to modern life.
11. After the divided the Great Lakes  
      
    region into and , a lot of land became the   
      
    property of .
12. By 1867 what was established?
13. Not only were pine forests by lumber companies, but their   
      
    practices also led to
14. The Great Peshtigo Fire of 1871 caused the greatest loss of in US history.
15. By 1910, what had happened to all economically viable stands of pine trees in Wisconsin?
16. What was the dominant mode of logging at this point? What two effects did this   
      
    method have on forests besides losing large numbers of trees?   
      
    \_
17. What was the primary job of the 1897 Forestry Commission? To find ways to preserve   
      
    \_ without
18. Why were state and federal governments able to acquire so much land in the 1930s to set aside as forest   
      
    preserves? What has happening at this point in history?
19. How is sustainable forestry defined by this statute? *The practice of*
20. Aldo Leopold is considered the father of   
      
    Leopold was a professor at , and in 1934 was the first academic chair of   
      
     . In Baraboo, Leopold wrote
21. Leopold knew that ethics exist among groups of people for
22. The more ethically we treat other people.
23. Leopold’s “Land Ethics” means
24. Prior to the Land Ethic, natural resources were only viewed as
25. Leopold’s ideas had what effect on the American people?
26. How does modern forestry work today?
27. Sustainable forestry necessitates   
      
     as well as
28. A trained forester will be able to identify   
      
    Foresters do this through careful
29. What is sustainable forestry?
30. Sustainable forestry is not just the removal of trees but also
31. What are five roles that a forester must serve?
32. Summarize each of the following:   
      
    Improvement Harvest:   
      
       
      
    Timber Stand Improvement:   
      
       
      
    Diversity Improvements:   
      
       
      
    Regeneration:
33. What are the six criteria for determining if a practice is sustainable?   
      
    1   
      
    2   
      
    3   
      
    4   
      
    5   
      
    6
34. In the space below, describe three unsustainable actions common to Americans. Then describe an alternative action that is similar but would be sustainable.   
      
    1. Unsustainable action:   
      
    Sustainable alternative:   
      
    2. Unsustainable action:   
      
    Sustainable alternative:

3. Unsustainable action:   
  
Sustainable alternative:

Unit Wrap-up C. Kohn, Agricultural Sciences - Waterford WI

This page is designed to help raise your grade while enabling you to develop skills you will need for after high   
school. You will need to complete every question and blank in order to receive full credit for your notes. Note: if you cannot come up with a strategy to remember a difficult concept on your own, see your instructor for help.

1. What is a topic or concept from this unit that you found to be more challenging? Write or describe below:  
     
      
     
   In the space below, create a mnemonic, rhyme, analogy, or other strategy to help you remember this particular concept:
2. What is a 2nd topic or concept from this unit that you found to be more challenging? Write or describe below:  
     
      
     
   In the space below, create a mnemonic, rhyme, analogy, or other strategy to help you remember this particular concept:
3. What is a 3rd topic or concept from this unit that you found to be more challenging? Write or describe below:  
     
      
     
   In the space below, create a mnemonic, rhyme, analogy, or other strategy to help you remember this particular concept:
4. Circle the most appropriate response. You will only be graded on whether or not you completed this section, so be entirely honest with yourself when completing this section.

Circle one: *I used my notes outside of class to prepare for the quiz.* Definitely – Yes – Sort of - No

Circle one: *I took extra notes in the margins for very difficult concepts.* Definitely – Yes – Sort of - No

Circle one: *I created a personal strategy for at least three difficult items.* Definitely – Yes – Sort of - No

Circle one: *I was very involved and actively studying during the quiz review.* Definitely – Yes – Sort of - No

Circle one: *I think I will be satisfied with the quiz grade I received this week.* Definitely – Yes – Sort of - No

Circle one: *My instructor is cool & I want to pay dues to be in their fan club.* Definitely – Yes – Sort of - No