Tragedy of the Commons Notesheet *by C. Kohn*

Name: Hour Date:

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

**Directions**: use the accompanying PowerPoint (<http://bit.ly/tragedyofthecommons>) to complete the questions below. This sheet will be due upon the completion of the PowerPoint in class. These assignments are graded on a +/√/- scale.

1. What do you think would happen to the fish population in a pond that people knew was not checked by the DNR?   
     
   \_   
     
   Why do you think this would happen?   
     
   \_
2. What was published in the journal *Science* in 1968 by Garret Hardin?
3. Briefly summarize Hardin’s paper in the space below. Use all lines given to you for this:   
     
   \_   
     
   \_   
     
   \_
4. Why did each farmer add more animals to the common grazing area in Hardin’s paper even if they knew it would cause the destruction of that area?   
     
   \_   
     
   \_
5. What KEY question does Hardin’s paper address?   
     
   \_
6. Besides grazing, what else could Tragedy of the Commons apply to? List 7 possible topics:   
     
   \_
7. When nobody , nobody   
     
   but everyone
8. Paraphrase the 5 reasons for why Tragedy of the Commons occurs in the spaces below:  
     
   1. \_   
     
   2. \_   
     
   3. \_   
     
   4. \_   
     
   5. \_
9. Hardin’s Tragedy of the Commons is well-known because it   
     
   \_
10. In order to fix problems like   
      
    we have to
11. What were Hardin’s two proposed solutions to prevent Tragedy of the Commons? List AND describe below:   
      
    Solution 1:   
      
    Explain:   
      
    \_   
      
    Solution 2:   
      
    Explain   
      
    \_
12. Why might privatizing a resource not work?   
      
    \_
13. Why might government control not work?   
      
    \_
14. Who was Elinor Ostrom?
15. What did she study?   
      
    \_
16. Dr. Ostrom did not believe that , she simply stated that   
      
    \_
17. How did Swiss Cheese-makers prevent the overgrazing of their lands in 1200 AD? Describe below:   
      
    \_   
      
    \_   
      
    \_
18. List three reasons below why the Swiss method of self-management worked:  
      
    \_   
      
    \_   
      
    \_
19. What are Ostrom’s 8 principles for self management of commonly owned public resources?   
      
    1\_   
      
    2\_   
      
    3\_   
      
    4\_   
      
    5\_   
      
    6\_   
      
    7\_   
      
    8\_
20. For each of the following, propose 3 strategies to address each problem. One strategy should be based on privatization, one on government regulation, and the third should use Ostrom’s local-control strategies.   
    1. Increasing rates of extinction:

Government control:   
  
\_   
  
Privatization:   
  
\_   
  
Local control:   
  
\_

* 1. The Dead Zone in the Gulf of Mexico

Government control:   
  
\_   
  
Privatization:   
  
\_   
  
Local control:   
  
\_

* 1. Climate Change and increasing levels of atmospheric CO­2

Government control:   
  
\_   
  
Privatization:   
  
\_   
  
Local control:   
  
\_

* 1. A messy employee break area at a company office:

Government control:   
  
\_   
  
Privatization:   
  
\_   
  
Local control:   
  
\_

* 1. College roommates who don’t clean their apartment:

Government control:   
  
\_   
  
Privatization:   
  
\_   
  
Local control:   
  
\_

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

1. Write the 3 topics that you most need to review before the quiz:  
     
   1\_   
     
   2\_   
     
   3\_
2. Create 3 **high-level questions** related to this material   
   (*These questions could be something you still don’t know or questions that reflect understanding that you have now that you did not have before.*)  
     
   1\_   
     
   2\_   
     
   3\_
3. List 6 **vocabulary words** that you did not know before or have not used very often prior to this unit:  
     
   1\_ 2 3

4 5 6

1. In the spaces below, fully write three strategies that will help you to remember specific vocabulary words or topics from this unit. **NOTE**: A strategy is *not* an activity such as reviewing your notes, studying hard, etc. A strategy is a mnemonic, rhyme, analogy, or other brain-based device that is specific to one item from the unit.

1.\_   
  
2.\_   
  
3.\_

1. 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