Chem 1 Hour\_\_\_\_\_ Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
Wexler/Steinhorst  
Video: Acid Test  
Date assigned:

1. What are the functions of the ocean?  
A.   
B.   
C.   
D.   
E.   
F.   
  
2. What are the two “carbon problems”?  
A.   
  
B.

3. What causes ocean acidification?

4. How is CO2 introduced into the atmosphere?

5. Since the industrial revolution, the ocean has absorbed what % of atmospheric CO2 contributed by burning of fossil fuels?

6. How many tons of CO2 are released into the atmosphere each day?

7. Since the industrial revolution, the ocean’s acidity has increased by what percent?

8. How does rising acidity affect shelled ocean creatures?

9.When was the last time these high acid conditions existed?

10. Why does acidification reduce the number of fish?

11. Why are corals sensitive to acidification?