

Name _____

Climate Change Lesson Worksheet

A. TRUE or FALSE (Use the graphs in the Climate Change Lesson for #1-6. Write True or False. If false, write a true statement about the graphs):

1. The oceans are getting warmer and sea level may rise in the future, but it hasn't started rising yet.
2. Glaciers have not yet been affected by global warming, but there is about half as much ice near the North Pole as there used to be.
3. Winters are less snowy now than in the 1950s; but hurricanes, storms, and floods are more frequent now than in the past.
4. Although there is some variation, overall, the earth's climate is getting warmer.
5. The rise in earth's temperature shows the same increasing trend as the amount of carbon dioxide (CO₂) in the atmosphere. But the temperature trend is the inverse (opposite) of the trend for the amount of methane and nitrous oxide in the atmosphere.
6. As pH drops, oceans become more acidic. Over time, oceans are becoming increasingly acidic, which threatens coral reefs.

B. Write answers to the questions below when you come to the directions "write your answer" in the Climate Change Lesson. Answer them based on your prior knowledge or information you have already read in the Climate Change Lesson. Don't continue reading the lesson until you have written something, although you may revise or add to your answers later.

7. Could the sort of climate change we see now be due solely to Milankovitch Cycles? Why or why not?
8. What are other "natural" causes of climate change?
9. Is current warming natural?

16. What are some things we can do about climate change?

C. WRAP UP - List the following things:

17. One thing you learned about climate change

18. One thing you could do now about climate change

19. One thing you could do some day about climate change