**Ocean Acidification: Global Warming's Evil Twin**

(Figures for article on separate sheet; in sheet protectors)

*Answer MUST be written in complete sentences*

1. Using context clues, define acidification.
2. Looking at FIGURE 1, what is the author trying to get across to the reader?
3. Looking at the images from FIGURE 1, what can be inferred about ocean pH values?
4. What is the relationship between increased CO2 in the atmosphere and CO2 dissolved in the oceans?
5. Looking at FIGURE 2, how do you relate the pH values to how acidic the water?
6. Looking at FIGURE 2, what causes the drop in the pH values?
7. Based on context clues, define the term “exoskeleton.”
8. Looking at the text, explain the reasoning behind malformed shell plates in phytoplankton.
9. Look at the statement from paragraph 6. Explain why there is still damage to the exoskeleton of creatures that use calcite?

*“Even though these creatures use calcite, which is less soluble than aragonite, there are already clear signs of physical damage.”*

1. How does Cook attempt to convince readers the myth is untrue?