

Name: _____ Date: _____

7. Explain the reaction resulting from the addition of vinegar to chalk. In other words, what happened when you added the vinegar? What resulted from this reaction? What did you see, hear and smell?

8. Explain the carbon cycle and how it is possible that dinosaur breath was released when vinegar was added to chalk. It might be helpful to refer to the background reading to answer this question.

9. Explain why people are concerned with the rising level of carbon dioxide in the atmosphere (CO₂). What are engineers doing to rebalance the carbon cycle? What can *you* do to help rebalance the carbon cycle?
