



Lesson Review

Matter Changes



1. Which of the following is an example of a chemical change?

SC.5.P.9.1

- ☐ A. breaking a stick in half
- ☐ B. ripping a piece of paper
- ☐ C. rust forming on a bike chain
- ☐ D. cracking open an egg

2. This is a photo of a pot of water being heated on a stove. The water that changes from a liquid to a gas is an example of what kind of change? SC.5.P.9.1



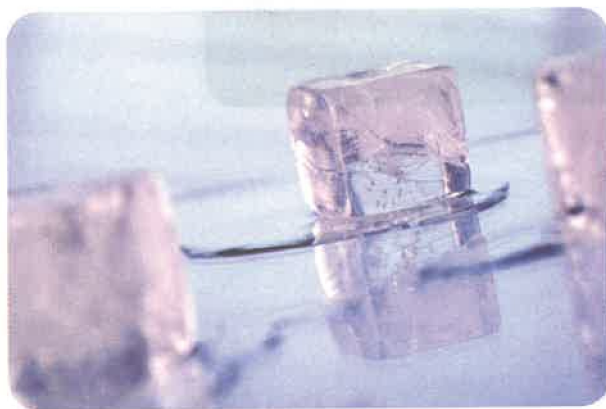
- ☐ A. physical change
- ☐ B. chemical change
- ☐ C. thermal change
- ☐ D. irreversible change

3. Breaking a stick in half, or an apple rotting, are examples of changes in matter. One of these is a physical change, while the other is a chemical change. Explain what type of change each example is. How do you know? **SC.5.P.9.1**

4. Chemical changes often provide signs that a change has happened. Which of the following is NOT one of the signs that a chemical change has taken place in matter? **SC.5.P.9.1**

- ☐ A. Energy is released, often as heat or light.
- ☐ B. The mass of the matter increases as the change happens.
- ☐ C. The smell of the matter changes noticeably.
- ☐ D. A new substance is formed.

5. This is a photo of an ice cube melting. Which form of energy is helping this change take place? What kind of change is happening? Select the correct combination below. **SC.5.P.9.1**



- ☐ A. light energy; chemical change
- ☐ B. heat energy; physical change
- ☐ C. mechanical energy; physical change
- ☐ D. electrical energy; chemical change

