

Name: \_\_\_\_\_

Date Started: \_\_\_\_\_ Date Completed: \_\_\_\_\_ Score: \_\_\_\_\_

### Learning Activity Sheet

#### Physical Changes in Matter

**Directions:** Read and answer each item carefully. Encircle the letter of the correct answer.

1. Carlo bought a wire needed to fix their fence. The wire was wrapped in a small paper bag. When he reached home, he opened the paper bag. How will you describe the wire?
  - A. The wire was bent to fit the paper bag.
  - B. The wire changed its weight.
  - C. The wire changed its color.
  - D. The wire became short.
2. Yesha is fond of eating pancakes with butter. After eating, she forgot to place the butter back inside the refrigerator. What do you think happened to the butter?
  - A. The butter changed in taste and color.
  - B. The butter solidified further.
  - C. Nothing happened.
  - D. The butter melted.
3. Yuri wanted to bake bread. He mixed the flour and milk to make a dough. After forming the dough, he placed it on the table and flattened it using a rolling pin. What can be observed on the dough after flattening it?
  - A. The dough changed its color and odor.
  - B. The dough changed its odor and taste.
  - C. The dough changed its size and shape.
  - D. The dough changed its taste and color.
4. Yoyey accidentally removed the ice tray from the freezer. What do you expect Yoyey to see in it after some time?
  - A. Nothing has happened to the ice cubes.
  - B. The ice cubes have solidified.
  - C. The ice cubes have dried up.
  - D. The ice cubes have melted.
5. Leanna accidentally dropped her glass of water, and it broke into pieces. What change in matter happened?
  - A. neither physical nor chemical
  - B. either physical or chemical
  - C. chemical change
  - D. physical change

6. Study the image of the burning candle on the right. Physical and chemical changes are shown. Which of the following illustrates physical change?

- A. None, because the melting of the candle and burning of the flame exhibit chemical change.
- B. Both the burning and the melting of the candle illustrate the physical change.
- C. the melting of the candle
- D. the burning flame



7. Mark Anthony was playing with his modeling clay. As he pressed the clay, he was able to shape it into different toys like balls, boats, and many more. Which of the following describes what happened to the modeling clay?

- A. The clay changed its mass and weight.
- B. The clay changed its shape and color.
- C. The clay changed its size and shape.
- D. The clay changed its size and odor.

8. Refer to the picture on the right to answer this question. What kind of change was shown and what effect can it give to the environment?

- A. chemical – harmful
- B. physical – harmful
- C. chemical – useful
- D. physical – useful

9. There are a lot of recyclable tin cans that you can see in the kitchen. You decided to put them in a container while waiting for the garbage collector. What will you do?

- A. Use a hammer and flatten them to occupy a small space.
- B. Ask your neighbor to get these for them to sell.
- C. Ignore them and wait for the garbage collector.
- D. Get a big container to keep the tin cans.

10. Using nails to fix the bamboo fence destroys the bamboo itself. What alternative material can be used instead of using nails?

- A. Get a piece of long wire and assemble the fence on the joints to make them stable.
- B. Cut the bamboo into strips so that it would be easy to assemble.
- C. Use glue or strong adhesive to connect all the bamboo fences.
- D. Call a carpenter to fix the fence for you.