

SCIENCE 5
2nd Summative Test

I. Read and understand each question below. Write the letter of your answer on the space provided.

- _____ 1. What is matter?
a. Everything around us. c. Anything that has mass and volume.
b. Anything that has mass. d. Anything that has volume.
- _____ 2. Which of the following is NOT a state of matter?
a. solid b. gas c. liquid d. mass
- _____ 3. Which TWO properties best describe an egg?
a. soft b. bendable c. smooth d. breakable
- _____ 4. It is the change of matter in form only not in composition
a. Physical change c. Chemical change
b. Environmental change d. None of the above
- _____ 5. Which is an example of physical change?
a. freezes to ice c. Naphthalene balls turn to vapour
b. Wood turns to alcohol d. Both a and b
- _____ 6. Physical change happens when materials undergo a change in ...
a. size b. shape
c. phase d. all of them
- _____ 7. Which statement is true about physical change?
a. It does not change a material's composition.
b. It does not change a material's size and shape.
c. It does not involve the physical properties of matter.
d. It does not involve matter
- _____ 8. Which is a physical change?
a. Burning toast c. Rusting bicycle
b. Fireworks exploding d. Freezing chocolate-covered strawberries
- _____ 9. Which process involves a physical change?
a. Frying an egg c. Digestion
b. Photosynthesis d. Water cycle
- _____ 10. Burning a match is an example of a _____.
a. chemical change c. physical property
b. physical change d. chemical property
- _____ 11. An example of a physical change.
a. Foam and bubbles form after mixing baking soda and vinegar.
b. A glass cup falls from the counter and shatters on the ground.
c. Paper burns up and leaves ashes.
d. A plant uses sunlight and makes food.
- _____ 12. Which is true about chemical change?
a. It is reversible.
b. It produces new materials.
c. It changes only a material's color and odor.
d. It does not change a material's size and shape.
- _____ 13. An example of a chemical change is
a. an old car rusting c. throwing a rock
b. cutting a piece of paper d. crushing a can

- _____ 14. Which shows a chemical change?
- a. Burning candle c. Burning a piece of paper
b. Chewing a piece of bread d. Melting a piece of chocolate
- _____ 15. It is the primary cause of rust because it contains oxygen.
- a. carbon dioxide b. water c. air d. hydrogen
- _____ 16. Rusting of iron made materials is commonly caused by the _____.
- a. presence of heat c. presence of oxygen
b. absence of heat d. absence of oxygen
- _____ 17. What change takes place when a fruit starts to rot?
- a. chemical b. no change c. physical d. physical
- _____ 18. Which is NOT TRUE in the statements below?
- a. Burning a paper involves a presence of heat.
b. Cutting a banana in half is an example of physical change.
c. Melted candle is a form of chemical change.
d. Freezing a water is a form of physical change.
- _____ 19. What change will happen if you slice an apple and expose it to oxygen in the air?
- a. Color will change from brown to white c. The color will not change
b. Color will change from white to brown d. No changes in color
- _____ 20. Kimberly wiped the top of the table with a wet piece of cloth. After a few minutes, the it became it dry. Why does the table dry up so quickly?
- a. presence of heat c. presence of water
b. absence of heat d. absence of temperature