

Name: _____ Date: _____

Your Middle School Lab Cadet Safety Certification Quiz

Demonstrate proficiency in hazard symbols, proper behavior during transitions, and emergency response for your first foray into chemical science.

1. You notice your lab partner is goofing around and accidentally knocks over a beaker of clear liquid. What is the very first thing you should do?

- A. Quickly grab some paper towels to soak it up.
- B. Alert the teacher immediately so they can assess the hazard.
- C. Check if the liquid smells like vinegar to see if it is safe.
- D. Push the broken glass into the sink to clear the desk.

2. To properly identify a chemical's odor without inhaling dangerous fumes, you should use a hand motion to _____ the scent toward your nose.

- A. blow
- B. flick
- C. waft
- D. fan

3. If you are wearing prescription eyeglasses, you do not need to wear safety goggles over them during an experiment.

- A. True
- B. False

4. When heating a test tube over a Bunsen burner, in which direction should the open end of the tube be pointed?

- A. Straight up toward the ceiling
- B. Facing towards your own chest for a better view
- C. Facing away from yourself and all other students
- D. Pointed toward the nearest sink

5. Long hair should always be _____ back before starting any lab work near open flames or chemicals.

- A. combed
- B. tied
- C. pushed
- D. brushed

6. It is acceptable to eat your lunch in the science lab as long as there are no chemicals currently visible on your desk.

- A. True
- B. False

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7. Which of these is the correct way to dress for a middle school science lab day?

- A. Loose-fitting sweaters and sandals
- B. Shorts and a t-shirt with flip-flops
- C. Dangling jewelry and a long scarf
- D. Closed-toe shoes and relatively snug clothing

8. The _____ station is used for at least 15 minutes if a chemical should happen to get into your eyes.

- A. sanitizing
- B. faucet
- C. eyewash
- D. rinsing

9. What is the proper procedure for disposing of chemical waste after an experiment is finished?

- A. Pour everything down the sink with plenty of water.
- B. Follow the teacher's instructions for specific waste containers.
- C. Leave it on the desk for the next class to use.
- D. Dump it in the trash can under the paper towels.

10. You should only start a lab experiment once the teacher has given the verbal signal and you have read all the directions.

- A. True
- B. False