

Name: _____ Date: _____

Zap the Hazards: 4th Grade Lab Safety Ace Quiz

Students solve 10 safety scenarios by identifying proper gear and emergency protocols to maintain a secure science classroom.

1. Maya is about to start an experiment using vinegar and baking soda. What should she do with her long hair before beginning?

- A. Leave it down so it stays out of her eyes
- B. Tie it back securely with a hair tie
- C. Tuck it behind her ears only
- D. Wear a hat to cover it up

2. If you accidentally spill a small amount of water on the lab table, you should tell the teacher immediately.

- A. True
- B. False

3. To protect your _____ from splashes or flying debris, you must always wear safety goggles during an experiment.

- A. Hands
- B. Feet
- C. Eyes
- D. Ears

4. Which of these is the safest way to behave while moving around the science lab?

- A. Running to get supplies quickly
- B. Walking slowly and carefully
- C. Skipping to show excitement
- D. Pushing past classmates to save time

5. It is okay to taste a substance in the lab if it looks like common table salt.

- A. True
- B. False

6. Before leaving the science lab, students must always _____ their hands with soap and water.

- A. Wash
- B. Dry
- C. Clap
- D. Shake

7. What should you do if you notice a crack in a glass beaker you are about to use?

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- A. Use it anyway if the crack is small
- B. Put a piece of tape over the crack
- C. Tell the teacher and get a new one
- D. Hide it at the bottom of the trash can

8. When you want to know what a substance smells like, you should use your hand to _____ the scent toward your nose.

- A. Blow
- B. Waft
- C. Push
- D. Fan

9. Sandals and flip-flops are the best shoes to wear during a science lab.

- A. True
- B. False

10. Where should you look to find the instructions for your science experiment?

- A. Ask a friend at a different table
- B. Guess what to do based on the supplies
- C. Wait for the teacher to finish speaking and read the lab sheet
- D. Start mixing things to see what happens