

Montgomery County Public Schools
SCIENCE LABORATORY SAFETY TEST

Adapted from Flinn Scientific

Name _____ **Period** _____ **Date** _____

Directions: Choose the letter that corresponds to the best answer for numbers 1 - 23.

1. Students complete a laboratory investigation. Who is responsible for returning the materials to their proper place?
 - A. Students who did the investigation
 - B. Students entering the laboratory
 - C. Building services personnel
 - D. The science teacher
2. A student is allergic to a substance used in an activity. What should the student do?
 - A. Wear gloves.
 - B. Tell another student.
 - C. Take some medication.
 - D. Tell the science teacher.
3. Students are using heat, chemicals and glassware in a laboratory experiment. Which of these is the best method of eye protection?
 - A. Safety goggles
 - B. Contact lenses
 - C. Prescription glasses
 - D. Eye protection is not needed
4. A substance is heated in a test tube. The open end of the test tube should be pointed toward
 - A. no one.
 - B. yourself.
 - C. the teacher.
 - D. your lab partner.
5. A fire starts in the laboratory. A student notifies the teacher. What should the student do next?
 - A. Open the windows.
 - B. Throw water on the fire.
 - C. Run for the fire extinguisher.
 - D. Follow the teacher's directions.
6. Which of the following should not be close to flammable materials?
 - A. A sink
 - B. An open door
 - C. A lighted burner
 - D. Another student
7. A student's hand is cut during a laboratory. What should the student do immediately?
 - A. See a doctor.
 - B. Tell the teacher.
 - C. Ask to see the school nurse.
 - D. Wrap the hand in a paper towel.
8. What should students do before inserting the plug of an electrical device into a socket?
 - A. Wash their hands.
 - B. Turn on the device.
 - C. Put on safety goggles.
 - D. Make sure the area is dry.
9. A student spills a chemical in the laboratory. What should he do first?
 - A. Clean it up.
 - B. Tell the teacher.
 - C. Let it evaporate.
 - D. Pour water on it.
10. Where should a student discard solid chemical waste?
 - A. Sink
 - B. Trash can
 - C. Cardboard box
 - D. Container identified by the teacher
11. Before beginning a lab, students with long hair should
 - A. comb their hair.
 - B. tie their hair back.
 - C. ask their teacher what to do.
 - D. ask their partner to do the lab.

12. When is off-task behavior appropriate during a laboratory investigation?

- A. Never
- B. When finished
- C. When getting lab equipment
- D. When waiting for your partner

13. What type of footwear should always be worn in the laboratory?

- A. Sandals
- B. Closed shoes
- C. Open toed shoes
- D. Shoes appropriate for the weather

14. What should be used to put out fire in a person's hair or clothing?

- A. Your hands
- B. A fire blanket
- C. Fire extinguisher
- D. Water from the sink

15. Which of these is the best reason to keep all classroom aisles and walkways clear?

- A. To allow safe exit
- B. To allow the room to be cleaned
- C. To make class notes easier to find
- D. To make the classroom attractive

16. Taking materials from the science laboratory is

- A. not permitted.
- B. permitted if it is not an acid.
- C. permitted if it is not glassware.
- D. permitted if the material is not dangerous.

17. A student is finished working with chemicals or biological specimens. Which of these is best for the student to do before leaving the laboratory?

- A. Wipe hands on clothing.
- B. Rinse hands with water.
- C. Treat hands with skin lotion.
- D. Wash hands with soap and water.

18. If a student wears contact lenses, what should she do in the laboratory?

- A. Tell no one.
- B. Take them out.
- C. Tell the science teacher.
- D. Avoid wearing safety goggles.

19. When are students permitted to go into the chemical storage room?

- A. Never
- B. As a student aide
- C. If asked by the teacher
- D. When returning materials after completing a lab

20. The red panic button (if present) in your science laboratory can be used to

- A. call the main office.
- B. turn off the gas supply.
- C. sound the fire alarm.
- D. notify the fire department.

21. What should a student do if equipment is not working properly in the laboratory?

- A. Tell the science teacher.
- B. Continue to try to use it.
- C. Tell your lab partner to fix it.
- D. Find another piece of equipment.

22. Eating in the laboratory

- A. is not permitted.
- B. is permitted if it is healthy.
- C. is permitted if chemicals are not being used.
- D. is permitted after the lab activity is complete.

23. Safety goggles and an apron must be worn when handling chemicals labeled corrosive because they

- A. may stain clothes.
- B. react with the skin.
- C. are difficult to pour.
- D. are highly flammable.