

SCIENCE LABORATORY SAFETY TEST

- Flammable materials, like alcohol, should never be dispensed or used near
 - an open door.
 - an open flame.
 - another student.
 - a sink.
- If a laboratory fire erupts, immediately
 - notify your instructor.
 - run for the fire extinguisher.
 - throw water on the fire.
 - open the windows.
- Approved eye protection devices (such as goggles) are worn in the laboratory
 - to avoid eye strain.
 - to improve your vision.
 - only if you don't have corrective glasses.
 - any time chemicals, heat or glassware are used.
- If you wear contact lenses in the school laboratory,
 - take them out before starting the lab.
 - you do not have to wear protective goggles.
 - advise your science instructor that you wear contact lenses.
 - keep the information to yourself.
- If you do not understand a direction or part of a lab procedure, you should
 - figure it out as you do the lab.
 - try several methods until something works.
 - ask the instructor before proceeding.
 - skip it and go on to the next part.
- After completing an experiment, all chemical wastes should be
 - left at your lab station for the next class.
 - disposed of according to your instructor's directions.
 - dumped in the sink.
 - taken home.
- If a lab experiment is not completed, you should
 - discuss the issue with your instructor.
 - sneak in after school and work alone.
 - come in during lunch and finish while eating lunch.
 - make up some results.
- You are heating a substance in a test tube. Always point the open end of the tube
 - toward yourself.
 - toward your lab partner.
 - toward another classmate.
 - away from all people.
- You are heating a piece of glass and now want to pick it up. You should
 - use a rag or paper towels.
 - pick up the end that looks cooler.
 - use tongs.
 - pour cold water on it.
- You have been injured in the laboratory (cut, burn, etc.). First you should
 - visit the school nurse after class.
 - see a doctor after school.
 - tell the science instructor at once.
 - apply first aid yourself.
- When gathering glassware and equipment for an experiment, you should
 - read all directions carefully to know what equipment is necessary.
 - examine all glassware to check for chips or cracks.
 - clean any glassware that appears dirty.
 - All of the above.
- You want to place a piece of glass tubing into a rubber stopper after the tubing has been fire polished and cooled. This is best done by
 - lubricating the tubing with water or glycerin.
 - using a towel or cotton gloves for protection.
 - twisting the tubing and stopper carefully.
 - all of the above.
- Personal eyeglasses provide as much protection as
 - a face shield.
 - safety glasses.
 - splashproof chemical goggles.
 - none of the above.
- Long hair in the laboratory must be
 - cut short.
 - held away from the experiment with one hand.
 - always neatly groomed.
 - tied back or kept entirely out of the way with a hair band, hairpins, or other confining device.
- In a laboratory, the following should not be worn.
 - loose clothing.
 - dangling jewelry.
 - sandals.
 - all of the above.
- The following footwear is best in the laboratory.
 - sandals
 - open-toed shoes
 - closed-toed shoes
 - shoes appropriate for the weather

17. Horseplay or practical jokes in the laboratory are
- always against the rules.
 - okay.
 - not dangerous.
 - okay if you are working alone.
18. If a piece of equipment is not working properly, stop, turn it off, and tell
- the custodian.
 - your lab partner.
 - your best friend in the class.
 - the science instructor.
19. If an acid is splashed on your skin, wash at once with
- soap.
 - oil.
 - weak base.
 - plenty of water.
20. When you finish working with chemicals, biological specimens, and other lab substances, always
- treat your hands with skin lotion.
 - wash your hands thoroughly with soap and water.
 - wipe your hands on a towel.
 - wipe your hands on your clothes.

21. Draw a diagram of your science room and label the locations of the following:
- Fire Blanket
 - Fire Extinguisher(s)
 - Exits
 - Eyewash Station
 - Emergency Shower
 - Closest Fire Alarm Station
 - Waste Disposal Container(s)

True—False

- | | T | F | |
|-----|--------------------------|--------------------------|---|
| 22. | <input type="checkbox"/> | <input type="checkbox"/> | Hot glass looks the same as cold glass. |
| 23. | <input type="checkbox"/> | <input type="checkbox"/> | All chemicals in the lab are to be considered dangerous. |
| 24. | <input type="checkbox"/> | <input type="checkbox"/> | Return all unused chemicals to their original containers. |
| 25. | <input type="checkbox"/> | <input type="checkbox"/> | Work areas should be kept clean and tidy. |
| 26. | <input type="checkbox"/> | <input type="checkbox"/> | Pipets are used to measure and dispense small amounts of liquids. You should draw the liquid into the pipet using your mouth. |
| 27. | <input type="checkbox"/> | <input type="checkbox"/> | Laboratory work can be started immediately upon entering the laboratory even if the instructor is not yet present. |
| 28. | <input type="checkbox"/> | <input type="checkbox"/> | Never remove chemicals or other equipment from the laboratory. |

- | | T | F | |
|-----|--------------------------|--------------------------|---|
| 29. | <input type="checkbox"/> | <input type="checkbox"/> | Chipped or cracked glassware is okay to use. |
| 30. | <input type="checkbox"/> | <input type="checkbox"/> | Read all procedures thoroughly before entering the laboratory. |
| 31. | <input type="checkbox"/> | <input type="checkbox"/> | All unauthorized experiments are prohibited. |
| 32. | <input type="checkbox"/> | <input type="checkbox"/> | You are allowed to enter the chemical preparation/storage area any time you need to get an item. |
| 33. | <input type="checkbox"/> | <input type="checkbox"/> | Laboratory aprons should be worn during all lab activities. |
| 34. | <input type="checkbox"/> | <input type="checkbox"/> | It's okay to pick up broken glass with your bare hands as long as the glass is placed in the trash. |
| 35. | <input type="checkbox"/> | <input type="checkbox"/> | Never leave a lit burner unattended. |