

# Antioch Unified School District Laboratory Safety Procedures

The science laboratory is an enjoyable and exciting place to work and learn, but it can be dangerous if it is not approached with maturity and respect. You are responsible for your safety and the safety of those around you. You must be foresighted and alert in your work, and you must also be cautious. **Learn the safety rules below. You must pass the Lab Safety test for your course before participating in lab activities!**

1. Read and follow all instructions carefully before beginning a lab. You may only perform experiments authorized by the teacher.
2. Know where all safety equipment is located and be able to demonstrate how to use it. Report all accidents, spills, or injuries to the teacher immediately! (see 7e. below for one exception)
3. NEVER eat or drink in the lab.
4. Conduct yourself in a responsible manner at all times. No running, pushing, horseplay or practical jokes are allowed.
5. Dress appropriately in the laboratory.
  - a. Wear safety goggles, aprons, gloves, and close-toed shoes when so instructed.
  - b. Keep sleeves pushed up above your elbows, and tie back long hair.
  - c. Remove coats, jackets, loose fitting clothes or bulky outerwear such as sweatshirts and oversized sweaters.
  - d. DO NOT WEAR CONTACT LENSES ON LAB DAYS IF ACIDS OR BASES ARE USED IN THE INVESTIGATION!!
6. Use care when working around open flames and heating devices. NEVER....
  - a. ...leave a lit burner or other hot equipment unattended.
  - b. ....reach over an open flame or attempt to use bare hands to handle hot objects.
  - c. ....heat a closed container or point the open end of a test tube at anyone, including yourself.
  - d. ALWAYS keep flammable materials away from an open flame.
7. Use care when working with chemicals.
  - a. NEVER taste or touch substances without your teacher's okay.
  - b. NEVER return unused chemicals to stock bottles.
  - c. ALWAYS waft the air above the container towards you when smelling materials. NEVER inhale fumes directly.
  - d. Only use materials from a properly marked container, using the dispensing method demonstrated by the teacher.
  - e. Should chemical contact occur, rinse skin and clothing immediately with water; then inform the teacher of the incident.
8. You are responsible for the materials and equipment you use. Report all equipment problems BEFORE beginning the lab. Use only materials and equipment authorized by your teacher, and do not remove any equipment or materials from the lab area.
9. Use care in handling lab materials, equipment and computers. if you are unsure of the proper way to perform a task or use the equipment/materials, ASK FOR HELP BEFORE YOU EVEN THINK OF BEGINNING TO WORK!
10. Never look directly at the sun or use direct sunlight when using optical instruments such as microscopes, telescopes, magnifying glasses, and/or binoculars.
11. Cleanup is your responsibility. Dispose of all used and unused materials as directed by your teacher. Materials which are saved must be clearly labeled as to contents, date, and owners, then properly stored. No student may leave the lab until all areas and equipment are cleaned and replaced as instructed.

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Parent/Guardian and student should sign the contract below and return it to the student's Science Teacher as soon as possible.

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## Antioch Unified School District Student/Parent Science Lab Safety Contract

I, \_\_\_\_\_, have read and understand the Antioch Unified School District Laboratory Safety Procedures. I agree to abide by them and to follow any additional verbal or written instructions given by the teacher or district. I understand that failure to follow the Laboratory Safety Procedures will result in an assigned consequence. Consequences may include paying for damaged materials/equipment, removal from activities, or a referral.

\_\_\_\_\_  
Student Signature

\_\_\_\_\_  
Date

I have reviewed the science Laboratory Safety Procedures with my student. I understand that there will be consequences for failing to follow these procedures, which may include paying for materials and equipment which are damaged as a result of misbehavior.

\_\_\_\_\_  
Parent/Guardian Signature

\_\_\_\_\_  
Date

Subject \_\_\_\_\_ Student's Grade \_\_\_\_\_ Period \_\_\_\_\_ Teacher \_\_\_\_\_