

# Cienega High Schools

## Science Safety Rules

### Dress code

1. Closed-toed shoes and long pants are a necessity for lab days unless your instructor tells you otherwise.
2. Goggles must be worn for the duration of the lab until the instructor removes his own pair.
3. Aprons and gloves must be worn when instructed to do so.
4. Long hair must be pulled back so that it is out of harm's way.
5. No loose clothing, neckties, or dangling jewelry allowed.

### General Safety Rules

1. No horseplay (including no practical jokes, water fights, wrestling, jumping off chairs, sitting on, standing on, or jumping from tables, etc...)
2. **Follow all directions closely;** be sure not to skip any steps.
3. Never perform any experiments not authorized by your instructor.
4. Whenever you do not understand the directions, ask your instructor.
5. Only use the equipment called for by the experiment.
6. **No food, gum, drinks, or candy allowed in class.** Sealed water containers are allowed on in the classroom portion of the room (not at the lab tables).

### General Safety Rules

1. Do not eat or drink from lab equipment.
2. Notify your teacher immediately if any spills, breakages, accidents, or injuries occur. If you have spilled an acid on your skin, immediately wash it off and have another student notify the instructor immediately.
3. Maintain a clean work area.
4. Dispose of waste properly. You will be instructed to clean up for each experiment.
5. Meter sticks should never be raised above waist-level without instructor permission.
6. Clearly label all empty containers before adding a substance.

### Heating and Fire Safety

1. Never heat a closed container.
2. Never reach across an open flame.
3. Point heated containers away from yourself and others.
4. Never leave a heat source unattended.
5. Never pick up a heated object without tongs.
6. Do not light a burner or turn on a heat source without your instructor's approval.
7. Dispose of flammable or burnt waste in fire cans.

## **Chemical Safety**

1. Never expose your mouth to any chemicals.
2. Use only those chemicals called for and the amounts needed for the experiment.
3. Keep all lids closed on chemical containers when not in use.
4. Never return unused chemicals to their original containers. This can contaminate the rest of the chemical.
5. When diluting an acid, pour the acid into water, never pour water into the acid.
6. Never directly smell any chemical.

## **Water Safety**

1. Never use electrical equipment with wet hands.
2. Never use electrical equipment around water.
3. Make sure the floor around your work area is dry.

## **Glassware Safety**

1. Never heat damp glassware.
2. Never use chipped, cracked, broken glassware. Notify your instructor immediately without moving the glassware.

## **Sharp Instrument Safety**

1. Handle sharp instruments carefully.
2. Never cut towards you; cut away.
3. Return all sharp instruments to their proper location.
4. Never run with sharp instruments.

## **Handling Live Organisms**

1. Treat all living things with care and respect.
2. Do not touch any organism in the classroom or lab without permission to do so.
3. Follow your instructor's directions for handling individual organisms.
4. Clean your hands thoroughly after handling organisms. Salmonella and E-coli are not your friends!

## **End of Investigation Rules**

1. Leave your work area CLEAN and DRY.
2. Return all equipment to proper locations.
3. Wash your hands thoroughly.
4. Turn off all burners, spickets, and faucets.

Name (Last, First) \_\_\_\_\_ Period \_\_\_\_\_

## Science Laboratory Safety Contract Cienega High School

**Student:** I have read the “Science Safety Rules” sheet. I understand its components completely, and agree to follow all of the safety rules and guidelines that have been established for each of the following areas.

(Please check as completed)

<input type="checkbox"/> Dress Code	<input type="checkbox"/> Glassware Safety
<input type="checkbox"/> General Safety Rules	<input type="checkbox"/> Sharp Instrument Safety
<input type="checkbox"/> Heating and Fire Safety	<input type="checkbox"/> Handling Live Organisms
<input type="checkbox"/> Chemical Safety	<input type="checkbox"/> End-of-Investigation Rules
<input type="checkbox"/> Water Safety	

I understand that any inappropriate act or behavior, which endangers the well being of others or myself, will result in my immediate removal from class and loss of credit for that lab.

I also understand that if I break or damage any laboratory equipment my parents/guardians and I are responsible for paying the repair or replacement cost of that item.

Furthermore, I am aware that in able to participate in laboratory activities, I must complete the safety test and make all of the necessary corrections to any questions I get wrong.

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

**Parents or Guardians:** Please review and discuss the “Science Safety Rules” with your student. Please know that these guidelines are set for the safety of your child and everyone in the laboratory.

After reviewing the material from the “Science Safety Rules”, each child will be given the “Safety Test”. In order to be eligible to participate in laboratory experiments, we require that each child take the safety test and make corrections to any questions they get wrong. If your child does not hand in their corrected test, they will not be eligible to participate in laboratory activities.

I understand and support the “Science Safety Rules” and expectations placed on my child, which will enable him/her to remain eligible to participate in laboratory activities. I also understand that my child and I must pay for any equipment they damage or break.

\_\_\_\_\_  
Parent’s/Guardian’s Signature Date

The “Safety Test” is scheduled for \_\_\_\_\_. The test will not be administered to students who have not had this contract signed and returned to their instructor.

Please feel free to call or e-mail if you have any questions. The school phone is 762-2800. Thank you for your continued support.