



# Sixth Grade Science Laboratory Safety Rules

The scientific laboratory is a place of adventure and discovery. Some of the most important events in scientific history have happened in laboratories. The antibiotic powers of penicillin were discovered in a laboratory. Plastics used today for clothing and other products were first made in a laboratory. The list is endless.

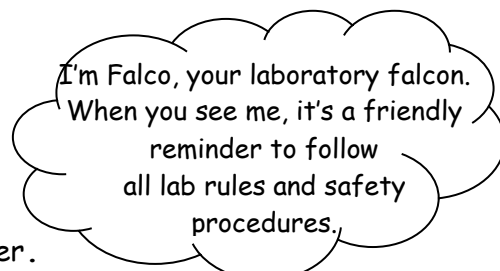
One of the first things any scientist learns is that working in the laboratory can be an exciting experience. However, the laboratory can also be quite dangerous if proper safety rules are not followed at all times. In order to prepare yourself for a safe year in the laboratory, read the following safety rules. Then read them a second time. If you do not understand each rule, ask your teacher to explain any rule that is unclear.

## Dress Code

1. Tie back long hair.
2. Remove dangling jewelry.
3. Do not wear loose, billowy clothing.
4. Wear closed-toed shoes; sandals don't protect your feet.

## Laboratory Behavior

1. Read all directions for an experiment several times. Listen carefully during the pre-lab. Ask questions if you do not understand any part of the experiment. Follow the directions **exactly** as they are written.
2. Make sure the work area has been cleared of purses, books, jackets, etc.
3. Before starting the lab, be aware of all safety precautions and know the location of all safety equipment.
4. Do not speak loudly or engage in horseplay in the laboratory.
5. Never eat or drink in the laboratory.



## Safety During the Laboratory Lesson

1. Never perform activities that are not authorized by your teacher.
2. Do not handle any equipment unless you have permission.
3. Wear safety goggles, lab aprons, and protective gloves when required.
4. Take extreme care not to spill or break any material in the laboratory.

## Clean-up procedure

1. Follow your teacher's instructions for proper disposal of chemicals; **do not** pour anything down the drain unless instructed to do so.
2. Do not work alone in the lab.
3. Report all accidents to your teacher **immediately**.



## End-of-Experiment Rules

1. Clean up your work area and return all equipment to its proper place.
2. Wash your hands after every experiment.

# SCIENCE CLASS SAFETY AGREEMENT

Safety is a concern for the students' well being, health, and life and requires full cooperation and participation of all students.

The teacher may remove students from the science activity area if the prescribed safety rules for the particular science activity being conducted are not followed.

The guidelines are:

- a. **Students will dress so that injury to themselves or to other students will not occur.** When chemicals or flames are used, long hair must be tied back; sandals, baggy sleeves, and sleeveless shirts should not be worn; clothing or jewelry that can hang down and touch chemicals or flames should be removed or tied back.
- b. **Students will behave so that injury to themselves or to other students will not occur.** Follow directions exactly as given. Never eat or drink in the laboratory. No loud talking or horseplay. Keep work area cleared of personal belongings. Misconduct, such as tampering with lab equipment or facilities, can place all students in danger and cannot be tolerated.
- c. **Students will stay within the limits of the science activity.** Safety goggles, lab aprons, and protective gloves will be worn as required. Never perform activities that are not authorized by the teacher. Never handle any equipment unless given specific permission.
- d. **Pre-experiment activities must be followed to work safely in a laboratory situation.** If the student is absent for a necessary pre-lab, or if the student has not completed necessary pre-lab work, student participation in the lab may be prohibited, if safety is an issue.
- e. **Students will follow all lab rules as per attached (as needed for specific courses).**

I, \_\_\_\_\_, have read all the rules, including those attached.

**Student Name (Print)**

I understand what is meant as discussed by the teacher.

I, \_\_\_\_\_, have read all the rules. I have discussed them

**Parent or Guardian (Print)**

with my child and feel that my child understands what they mean and the consequences for removal from class. I would like to inform the school that my child has the following physical or medical situations that could affect his/her learning in a science class. (Ex., specific allergies, etc.)

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_

All students **MUST** wear safety goggles where specified by the teacher to prevent eye accidents.

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

\_\_\_\_\_  
**Date**

\_\_\_\_\_  
**Parent Signature**

\_\_\_\_\_  
**Date**

\_\_\_\_\_  
**Home Phone Number**

\_\_\_\_\_  
**Work Phone Number**

**\*Upon completion of this agreement, return to teacher to be retained on file.**