



Lab Safety Agreement at Audentes School

Purpose

Science class (chemistry, biology, physics) involves hands-on laboratory activities. Some labs will involve potentially hazardous chemicals and materials (potentially hazardous only if used inappropriately.) Some activities require the use of sensitive equipment. **Safety is the first priority in our classroom.** There is no place in science class for unsafe use of materials. We do not want you to hurt yourself or anyone else by carelessness. Thus, you will need to either be safe or will sit out and take a zero on the lab. To help you to be safe, we will discuss this lab safety contract. It contains safety guidelines to help you make informed decisions about your behavior in science labs. Please read this document carefully and then you must sign it and return it to the teacher. **Only after your science teacher has your signed copy of this agreement will you be able to participate in (chemistry, biology, physics) lab activities in this class.** To ensure a safe learning environment, all students will be instructed in science classroom. The safety agreement will be signed and filed at school. A copy of this agreement will also be kept in your science notebook as a reminder of safe classroom practices. When necessary, safety considerations will be included on student handouts; they also will be given orally at the start of each activity. If needed, one or more students may need to go over the lab safety rules at different times during the year if those students are choosing to act in an unsafe manner during labs.

General guidelines

1. Conduct yourself responsibly at all times.
2. Follow all written and verbal instructions carefully. Ask questions if you do not understand.
You understand that unauthorized experiments are forbidden.
3. Do not touch any equipment or materials before instructed to do so.
4. NO FOOD (including gum) or drink IN THE LAB!!!
5. Start the lab only after the teacher gives the go-ahead.
6. Always read over the lab directions before you perform the lab.

7. Keep your work area neat and clean (just bring lab sheet + writing utensil to lab table).
8. Cover any liquid-filled containers to avoid spills.
9. Know the location and operation of all safety equipment (fire extinguisher and/or fire blanket, eye wash, fire exit).
10. Do not run, shout, or throw things in the lab.
11. Notify me if you notice any unsafe conditions in the classroom.
12. Dispose of all chemicals properly. I will instruct you about how to dispose of specific chemicals.
13. Keep your hands away from your face while doing labs. Wash your hands after the clean-up is complete.
14. Rinse out all glassware and leave it to dry in the designated locations. Examine glassware before each use. Never use chipped or cracked glassware.
15. Stay at your assigned lab table during labs.
16. Carry sharps appropriately; tips down and away.
17. When removing an electrical plug from its socket, grasp the plug, not the electrical cord
18. Report damaged electrical equipment immediately. Look for things such as frayed cords, exposed wires, and loose connections. Do not use damaged electrical equipment.

Accidents

1. Immediately report ALL injuries, no matter how minor, to the teacher.
2. Use the eyewash and sink if you are splashed with a chemical. Always assume that the chemicals are hazardous. You or your lab partner(s) should let the teacher know what was splashed and where.
3. Never handle broken glass. If a piece of glassware breaks, notify the teacher immediately.

Clothing

1. Safety goggles / glasses will be worn when working with dangerous chemicals or with a flame.
2. Close-toed shoes (no flip-flops) should be worn on lab days involving chemicals.
3. Tie long hair behind your head and avoid wearing baggy sleeves when using chemicals or a flame.

Handling Chemicals

1. Consider all lab chemicals to be hazardous.

2. Double check the label before using a chemical
3. Take only the amount of chemical you will use.
4. Keep chemicals away from the mouth, nose, and eyes.
5. Always hold chemical bottles with two hands when transporting them.

Heating Substances

1. Use caution when heating something with a burner.
2. Never look into a container that is being heated. Point the open end of the test tube away from all people.

Special Precautions for work with Organisms

1. Students should understand that many plants, both domestic and wild, have poisonous parts and should be handled with care.
2. Any educational activities that involve animals must follow the "Guidelines for the use of animals in IB World Schools " provided by International Baccalaureate Organization.

Agreement

Student

I, _____, have read and understand the guidelines listed in the Lab Safety Agreement. I promise to follow these guidelines. I understand that failure to follow these or other verbal guidelines may result in not participating in the lab and earning a zero on it.

Signature

Date