

## Science Safety Rules Parent Notification

Dear Student and Parents,

In order to ensure that science experiments at school and at home are safe and positive learning experiences, students and their parents should read and discuss the attached Science Safety Rules And Procedures. This letter should then be signed and returned to the student's science teacher. **Each student must have a signed copy of this letter on file with his/her science teacher to participate in laboratory activities.** The attached Student Science Safety Rules And Procedures must be kept in the student's science notebook.

Sincerely,



Sheila Hilton, Principal  
T.L. Hanna, An IB World School

I, \_\_\_\_\_, have read, understand, and agree to follow these science safety rules and procedures. I agree to abide by any additional instructions, written or verbal, provided by my science teacher or adult supervisor.

\_\_\_\_\_  
Student's Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Parent's (Guardian's) Signature

\_\_\_\_\_  
Date

**List any allergies, medical problems, or medications about which your teacher should know.**

This signed letter and the student's insurance information must be on file with the teacher.

## STUDENT SCIENCE SAFETY RULES AND PROCEDURES ANDERSON SCHOOL DISTRICT FIVE

- 1. Perform the experiment as directed.** Do not do anything that is not part of an approved experimental procedure. Follow all instructions given by the teacher or adult supervisor.
- 2. Be properly prepared to do the experiment.** Read the written procedures, in advance, and understand what you are going to do. Lack of familiarity wastes your time and is a major cause of injury. **Know the hazards before you do the experiment.**
- 3. Never work without adult supervision.**
- 4. Wear appropriate personal protective equipment.** ANSI approved eye protection should be worn **at all times.** This will usually mean chemical splash goggles.
- 5. Wear *non-vented* chemical splash goggles if you wear contact lenses.**
- 6. Learn the locations and operations of emergency equipment.** This includes fire extinguishers, sinks, safety shower, eyewash station, and first aid supplies. Know what to do in case of emergencies.
- 7. Act in a responsible manner at all times.** ***NO*** horseplay or fooling around should occur in the lab or experimental area.
- 8. Wear shoes, preferably leather, that cover the entire foot.** No sandals will be allowed. **Clothing should not be loose and floppy, especially in the sleeves.** Some fabrics are highly flammable and should not be worn on lab days. **Your arms and legs should be covered.**
- 9. Tie back long hair to keep it away from flames and chemicals. Do NOT use oily substances on your hair.** These substances may cause your hair to catch fire.
- 10. Never taste a chemical or put anything in your mouth while in a laboratory setting.**
- 11. Check odors only if instructed to do so,** by gently wafting some of the vapor towards your nose with your hand. Be sure your work area is adequately ventilated for your experiment.
- 12. Turn off your Bunsen burner or other heat source whenever you are not using it.** Never let it operate unattended.
- 13. Treat burns immediately by putting the burned area under cool water for at least 15 minutes.** Cool water markedly reduces the subsequent pain and blisters.
- 14. Read the chemical labels very carefully.** Read them **3** times: when you pick up the chemical; just before you use it; and after you are finished. Many mistakes, some dangerous, result from mixing the wrong chemicals.
- 15. Review Material Safety Data Sheets (MSDS) if an experiment is being done away from school.**
- 16. Food and drinks in the lab or experimental work area are forbidden.**
- 17. Report all accidents, injuries, or close calls to the teacher or adult supervisor immediately.**
- 18. Dispose of chemicals properly.** Nothing goes down the drain without the teacher's permission. Containers should be available for waste chemicals. Broken glass goes in special receptacles.
- 19. Never return unused reagents to the reagent bottle.** Be careful to take only what you actually need. Do not contaminate the reagents.
- 20. Clean up all spills, including water, immediately.**
- 21. List all of your allergies and any other medical problems on the signed safety agreement form that you must return to the teacher.** If an experiment deals with something to which you are allergic, consult your teacher or adult supervisor **in advance** of the lab to allow adjustments to be made for your participation.
- 22. Treat all chemicals with the respect they deserve.** Know the hazards before you handle the material.
- 23. Never take chemicals, supplies, or equipment out of the laboratory without the knowledge and consent of your science teacher.**
- 24. Wash off chemicals splashed or spilled on your skin or body immediately and for 15 minutes.** Remove contaminated clothing immediately. Notify your teacher or adult supervisor, immediately.
- 25. Clean your lab area, put away all equipment and reagents, and wash your hands at the end of each work session.**

**Think Safety! Do Not Take Chances!**