

Science Laboratory Safety and Chemical Usage Contract

PREPARE FOR LABORATORY WORK

- Study laboratory procedures prior to class
- Never perform unauthorized experiments
- Keep your lab bench organized and free of apparel, books, and other clutter
- Know how to use the emergency shower, eye wash, and fire blanket
- Follow and adhere to all safety symbols, signs, and warnings posted in the classroom and in lab procedures
- Conduct lab procedures in the correct order
- No eating, drinking, or horseplay in the lab
- Never work without teacher supervision in the lab
- Do not remove any chemicals or equipment from the lab without the teacher's permission

DRESS APPROPRIATELY FOR LABORATORY WORK

- Always tie back long hair
- No loose or baggy clothing
- Roll up loose sleeves
- No open-toed shoes or sandals
- Wear lab coats during all laboratory sessions
- Wear safety goggles during all laboratory sessions (excluding pre-lab discussions)
- Wear gloves when using chemicals that irritate or can be absorbed through the skin
- No contact lenses should be worn

AVOID CONTACT WITH CHEMICALS

- Never taste or "sniff" chemicals
- Never draw materials in a pipette with your mouth
- Point the opening away from people when heating substances in a test tube
- Never carry dangerous chemicals or hot equipment near other people

AVOID HAZARDS

- Keep combustibles away from open flames
- Use caution when handling hot glassware
- When diluting acid, always add acid slowly to water (A & W), never add water to acid
- Only teachers should insert glass tubing through stoppers
- Turn off burners when not in use
- Do not bend or cut glass unless appropriately instructed by the teacher
- Keep caps on reagent bottles and never switch caps with other containers

CLEAN UP

- Consult with the teacher for proper disposal of chemicals
- Wash hands thoroughly following experiments
- Leave laboratory bench clean and neat

IN CASE OF AN ACCIDENT

- Report all accidents and spills to the teacher immediately
- Place broken glass in designated containers using gloves to clean up glass shards
- Wash all acids and bases or other chemicals from your skin immediately with copious amounts of water
- If chemicals get in your eyes, wash them for at least 15 minutes with laboratory eye wash

I, _____, agree to the following:

- Follow the teacher's instructions
- Protect my eyes, face, hands, and body during laboratory
- Conduct myself in a responsible manner at all times
- Abide by all of the safety guidelines specified above

Failure to follow these guidelines may result in reduction in grade, disciplinary action, and/or exclusion from laboratory activities. Please list any allergies the student has, which are relevant to science lab safety procedures.

Student Signature: _____ Date: _____

Parent/Guardian Signature: _____ Date: _____