

SCIENCE SAFETY PRACTICES AND PROCEDURES

Responsibilities of the Student

Always	Never
<ul style="list-style-type: none">• Tie back long hair away from your face, chemicals and burners. Confine loose clothing. Shoes are required; open-toes or sandals are not permitted.• Use separate scoopulas, dropping pipets, etc., for separate chemicals and solutions. Take only the amount needed for the activity or experiment.• Keep hands, scoopulas, pens, pencils, etc. away from the mouth. Avoid touching your eyes.• ADD acids to water.• Use the correct method for pouring chemicals from reagent bottles.• Replace all lids (finger tight) immediately after use.• When heating glassware such as test tubes, point openings away from people, including yourself.• Use only heat resistant glassware.• Report damaged equipment and unidentified chemicals to the instructor immediately.• When removing an electric plug from its socket, pull the plug and not the cord.• Wash your hands after working with chemicals, preserved specimens, micro-organisms, etc.	<ul style="list-style-type: none">• Never handle any material in the classroom, laboratory or storage room without the permission of the teacher.• Never conduct experiments alone, or without proper supervision. No lab work may be done without the teacher's permission.• Never take anything out of the science classroom without the specific permission of your instructor.• NEVER, NEVER, add water to acids.• Horseplay of any kind is not permitted.• Never carry hot equipment or dangerous chemicals through a congestion of students.• Never leave a lighted burner, or any experiment in progress, unattended.• Never put any substance into a flame unless specifically instructed to do so by your teacher.• Never boil a liquid in a closed system. Boiling chips should be used to facilitate smooth boiling.• Never heat or cool glassware quickly, i.e. pouring cold water into hot glassware.• Never bring a butane lighter to class.

Always	Never
<ul style="list-style-type: none"> • Always lubricate glass tubing or any other materials before inserting them into a stopper. Always wrap towelling or other suitable cloth around glass tubing while inserting it into stoppers, rubber tubing or other similar devices. • Use the correct waste container as directed by your teacher. • Be wary of any substances - liquid or solid - on the work area since they may be corrosive. • Remain standing during an experiment unless instructed otherwise. • Keep the work area uncluttered. Store all unused equipment properly. 	<ul style="list-style-type: none"> • Never return unused chemicals to reagent bottles unless specific permission is give by your instructor. Do not place anything in a reagent bottle except the dropper or scoopula provided. • Never taste any materials unless specifically instructed to do so by your teacher. • Never use your mouth to draw a liquid into a pipette. Use a safety bulb on a pipette. • Never smell chemicals unless instructed by the teacher and then, only the “hand-waving” method should be used to waft vapours to your nose. • Never bring or consume food or beverage in the science classroom, laboratory or storage room.

Student Safety Contract

- I have read the Laboratory Safety Rules and I understand what they mean. These rules have been placed in my notes for easy reference. I will follow them throughout the entire course.
- I will follow all instructions given by my teacher.
- I will wear appropriate safety clothing while conducting class activities.
- I agree to conduct myself in a responsible manner at all times in a laboratory situation.

I, _____, have read and agree to abide by the safety rules set forth above and any additional printed instructions provided by the teacher. I agree to follow all other written and/or verbal instructions in class. If I do not follow these instructions, I realize that my privilege to do lab work may be withdrawn.

Date: _____

Student Signature: _____

I have also given my parent(s)/guardian(s) the opportunity to read the following items:

1. Classroom Ideals
2. Course Information Sheet
3. Science Safety Practices and Procedures
4. Homework Help
5. Lab Report and Wiki Rubrics
6. Brief Course Outline

Parent/Guardian Signature: _____