

Jumpson's Laboratory Safety Guidelines

These are the general rules of the Science Department regarding lab safety. All students are required to understand these rules and obey them at all times. **FAILURE TO FOLLOW THESE GUIDELINES WILL RESULT IN YOUR BEING EXPELLED FROM THE LABORATORY. THIS WILL COUNT AS A ZERO FOR THE ACTIVITY YOU MISS AND CAN AFFECT YOUR GRADE.**

1. Pay careful attention to all directions given by your laboratory instructor concerning laboratory procedure and follow all safety precautions as directed by your instructor.
2. You **MUST** wear approved safety goggles in the laboratory when deemed necessary by your teacher. Safety goggles will protect your eyes against impact and splashes. If you should accidentally get a chemical in your eye, wash the eye with flowing water from the eyewash, sink or fountain for 15 minutes and see professional medical attention.
3. Perform no unauthorized experiments and do not enter the lab without your instructor present.
4. In case of fire or accident, call the instructor at once. Note the location of the fire extinguishers, safety showers, and eye wash fountains now so that you can use them if necessary. Wet towels may be used for smothering fires if necessary.
5. In the event of a fire alarm, you must stay with your laboratory instructor and class until you are excused by the instructor or fire marshal. It is important that you don't just walk away until you have been given instructions from your instructor.
6. All accidents must be reported promptly to the instructor. Failure to do so may result in further accidents and/or injury to other classmates.
7. No eating food or candy, drinking or chewing gum or tobacco is permitted in the laboratory at any time. Do not taste anything in the lab and do not use lab glassware to eat or drink from.
8. Exercise great care in noting the odor of fumes and whenever possible, avoid breathing fumes of any kind.
9. Do not take any chemicals, unknowns, cultures, specimens or equipment out of the lab unless directed by your instructor.
10. Do not use mouth suction in filling pipettes with chemical reagents. Use suction bulbs.
11. Do not force glass tubing or thermometers into rubber stoppers. Use a lubricant and protect your hands with a towel when inserting tubing into stoppers.
12. To minimize hazards, confine long hair securely when in the laboratory.
13. It is advised that you not wear your best, expensive or ornate clothing in lab that may be damaged.
14. When working with electrical equipment, observe caution when handling loose wires and make sure that all equipment is electrically grounded before touching it.
15. Always leave your laboratory working area in a clean and neat condition. Spilled chemicals must always be cleaned up as soon as the spill is noticed. A cluttered working area increases the chance of accidents.
16. Never sit or stand on the lab tables, and do not sit at the table unless instructed to do so as there may be residual chemicals and possible spillage.
17. **NO HORSEPLAY! Do not fool around in lab. A TEACHER MAY REMOVE A STUDENT PERMANENTLY FROM ALL LAB ACTIVITIES IF THE STUDENT BEHAVIOR IS DEEMED DANGEROUS TO HIMSELF AND OTHERS.**
18. If injury results from an accident in lab, you must go to an authorized hospital or clinic for treatments of cuts, burns or inhalation of fumes. Your instructor and the school nurse will arrange transportation as necessary.

In order to avoid personal injury to yourself and your fellow students while performing experiments in your science lab courses, it is required that you and your parents sign the following release of liability form after you have read and understand its contents.

RELEASE OF LIABILITY

By participating in this class _____, you will be required to engage in certain laboratory activities. It is imperative that all verbal and written instruction be strictly followed. While all normal safety precautions will be taken and explained, there are certain risks associated with the use of laboratory equipment and supplies, including sharp instruments, flames and toxic chemicals which cannot be eliminated. You and your parents/guardians, by signing below, agree to assume the risks associated with the use of the laboratory, and agree not to hold your teachers and school administration responsible for these risks. If you wish to know more about the risks you or your child will be exposed to in the class, it is your responsibility to request further information from the teacher.

Please sign and date below:

STUDENT NAME

STUDENT SIGNATURE

DATE

PARENT/GUARDIAN SIGNATURE

DATE