

## SCIENCE SAFETY GUIDELINES

### Secondary

In order to ensure that science experiments are safe and positive learning experiences, students and their parents should read, discuss, and sign this science safety rules and procedures agreement. No student will be permitted to participate in laboratory work until this agreement is signed by parent and student and returned to the teacher.

1. Act in a responsible manner at all times. Misconduct that endangers any student will not be tolerated.
  2. Never work without adult supervision. Do not handle any materials until instructed by the teacher.
  3. Perform the experiments as directed. Do not do anything which is not part of an approved experimental procedure. Follow all instructions given by the teacher. Read the written procedure. If you don't understand a procedure or piece of equipment, ask the teacher.
  4. Neither eating nor drinking in the lab or experimental work area is allowed.
  5. Wear appropriate protective equipment. An apron and approved eye protection should be worn when necessary. Keep hands away from face, eyes, and mouth while using chemicals or preserved specimens.
  6. Learn the locations and operation of emergency equipment including eyewash fountains, safety showers, fire extinguishers, fire blankets, etc. Report all accidents, injuries, close calls, or unsafe conditions to your teacher.
  7. Shoes must be worn at all times; never go barefoot in the lab. Special care should be taken with loose clothing. Tie back long hair to keep it away from flames and chemicals.
  8. Never taste a chemical. Never pipette by mouth—always use a pipette bulb.
  9. Check odors only if instructed to do so by gently wafting the vapor toward your nose with your hand.
  10. Carry sharp objects with tip or sharp edge pointing downwards. Do not try to catch falling sharp objects.
  11. Use caution when heating materials. Keep hands and face away from the mouth of a test tube or beaker being heated. Turn off burner or hot plate when you are finished; never leave an active heat source unattended.
  12. Do not enter science prep rooms or storage areas unless under teacher supervision.
  13. Never take chemicals, supplies, or equipment out of the laboratory without the knowledge and consent of the science teacher.
  14. Clean your lab area; put away all equipment and materials; wash your hands at the end of each work session. Report any damaged glassware or equipment to your teacher.
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