

## Science Lab Safety Rules



- ⇒ Know the location of the safety equipment in the lab and know how to use it.
  - Fire extinguisher
  - Fire blanket
  - Fire alarm
  - First-aid kit
  - Shower/eye wash station
- ⇒ No students are allowed in the prep room without permission.
- ⇒ Read all directions for an experiment carefully before beginning. Follow all directions exactly as written or explained by the teacher.
- ⇒ In case of an accident, tell the instructor IMMEDIATELY and REMAIN CALM.
- ⇒ Absolutely no messing around in the lab ever.
- ⇒ Never mix chemicals or other materials for the fun of it.
- ⇒ Maintain a clean, dry, and organized work area.
- ⇒ When an experiment is completed, always clean up the work area and return equipment to its proper place.
- ⇒ Never eat or drink in lab or from lab equipment.
- ⇒ Always wear safety goggles and a lab apron when working with chemicals, burners, or other hazardous materials or when instructed to by the teacher.
- ⇒ Remember to wear shoes that have closed toes in lab.
- ⇒ Keep all lids closed when a chemical or other substance is not being used.
- ⇒ Many chemicals and hazardous materials are poisonous. Never touch, taste, or smell any chemical. If instructed to smell the fumes in an experiment, always waft (gently wave a hand over the opening of the container and direct the fumes toward the nose).
- ⇒ Dispose of all chemicals and materials as instructed by teacher.
- ⇒ Take care not to spill any materials in lab. If a spill does occur, notify teacher for clean-up directions.

- ⇒ Always pour acid into water when diluting the acid. Never pour water into acid.
- ⇒ Rinse any chemicals, including acids and bases, off skin or clothing with water.
- ⇒ Never reach across a flame. Keep all materials not used in lab away from flame.
- ⇒ Pull back long hair and push up long sleeves if necessary. No bulky or loose clothing allowed in lab.
- ⇒ Always point a test tube or other glassware being heated away from you and others.
- ⇒ Never heat liquid in a closed container.
- ⇒ Always use a clamp, tong, or heat resistant mitts when handling hot containers.
- ⇒ Use a wire screen (wire mesh) to protect glassware when heating.
- ⇒ Never heat glassware that is not thoroughly dry.
- ⇒ Never use broken or chipped glassware. If glassware chips or breaks, notify the teacher.
- ⇒ Notify the teacher immediately if you are cut or hurt in any way in lab.
- ⇒ All sharp materials and broken glass are to be disposed of in the proper container.
- ⇒ The gas outlets, strikers, and Bunsen burners are to be used properly, as well as any material used to create a flame.
- ⇒ Always wash your hands after experiments and clean up water at the sink.

Consequences for breaking these rules could have serious implications, including a zero on the lab grade, office discipline referral, loss of lab privileges, or other as determined by teacher and/or principal. Repeated offenses may lead to permanent removal from the lab for the remainder of the school year. ***Lab privileges may also be taken away if students are not completing science homework assignments.***

By signing this contract, you as a student understand all rules and agree to follow them.

Student signature: \_\_\_\_\_ Date: \_\_\_\_\_