

# Lab Safety Nearpod Notes

## Your Behavior in the Lab

1. Always exercise caution and good judgment in the science laboratory. No horseplay or practical jokes in the lab
2. Follow your teacher's instruction and report problems to your teacher immediately
3. Read lab instructions and follow all procedures. Never conduct unauthorized experiments.
4. Avoid eating and drinking in a laboratory. Do not use lab equipment for eating and drinking.

## Physical Safety in the Lab

1. Handle all equipment carefully
2. Keep cords away from the foot traffic of others
3. Keep chairs and stools pushed in when not in use
4. Keep books picked up and away from foot traffic
5. Keep non-laboratory materials, other than notebooks away from lab stations
6. Do not enter stock or supply rooms, and never conduct experiments along in lab

## Protect your Eyes in the Lab

1. Wear safety goggles when working with chemicals, heat sources or projectiles.
2. Notify your teacher if you wear contact lenses.
3. Use the eyewash station if a chemical splashes into your eyes. Flush with water for 15 min and notify the teacher.

## Protect Your Skin in the Lab

1. Keep long hair tied back and avoid dangling jewelry
2. Avoid loose clothing
3. Wear shoes that protect your entire foot
4. In the event a chemical comes into contact with your skin, rinse under water for 15 minutes and notify your teacher.
5. Wash hands after every experiment or lab

## Handling Sharps in the Lab

1. Handle all sharps carefully
2. Always cut away from your fingers and body
3. Carry sharp objects with points and tips facing down and away. Never try to catch a falling sharp object.
4. Use the handles of sharp instruments for grasping
5. Notify your teacher if you are cut
6. Broken glass does not go in the garbage can. Your teacher will clean up broken glass.

## Electrical Safety in the Lab

1. Only electrical plugs are to be placed in electrical outlets
2. Unplug electrical equipment after use
3. Keep all electrical cords, wires and equipment away from water sources or water spills

## Heat Safety in the Lab

1. Never look into a container you are heating and never point the end of a test tube being heated at yourself or others
2. Never heat a closed container
3. Never leave a heat source unattended
4. Use tongs or gloves to handle equipment that has been heated
5. Do not place hot glassware in cold water

## **Chemical Safety in the Lab**

1. Read all labels before removing a chemical from the container. Consider all chemicals dangerous
2. Only use the amount and type of chemical that is instructed by the investigation directions
3. Never touch, taste or smell chemicals unless instructed to do so by your teacher
4. Never mix chemicals unless instructed to do so by your teacher
5. Keep lids on chemical containers when not in use.