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عنوان قوانین ایمنی در آزمایشگاه Laboratory Safety Rules



LAB SAFETY RULES
ALL FACILITIES SHOULD ENFORCE

## Supervision

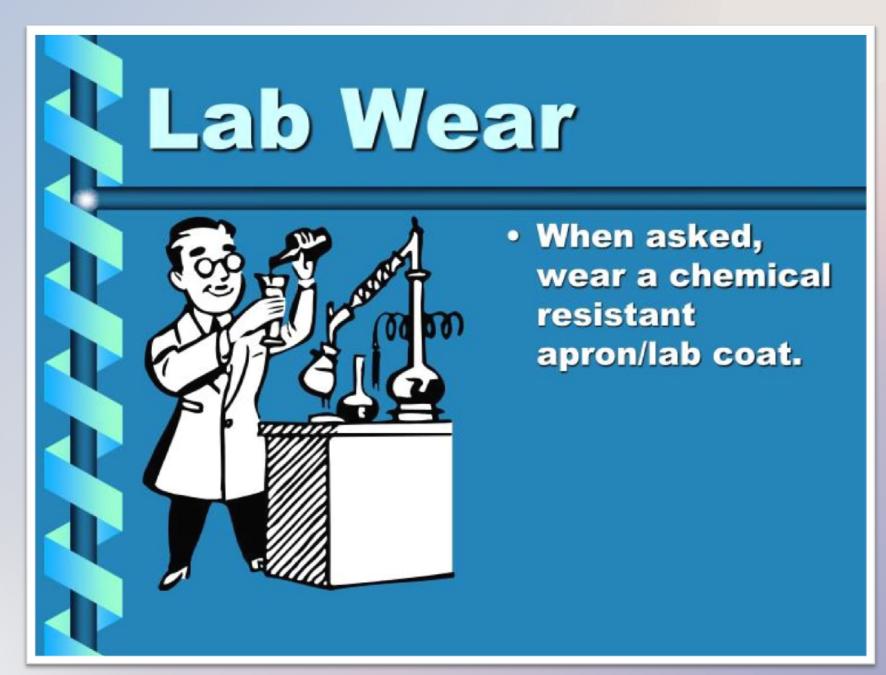
- NEVER work alone in the laboratory.
- Conduct only the assigned experiment, and do them only when the teacher is present.

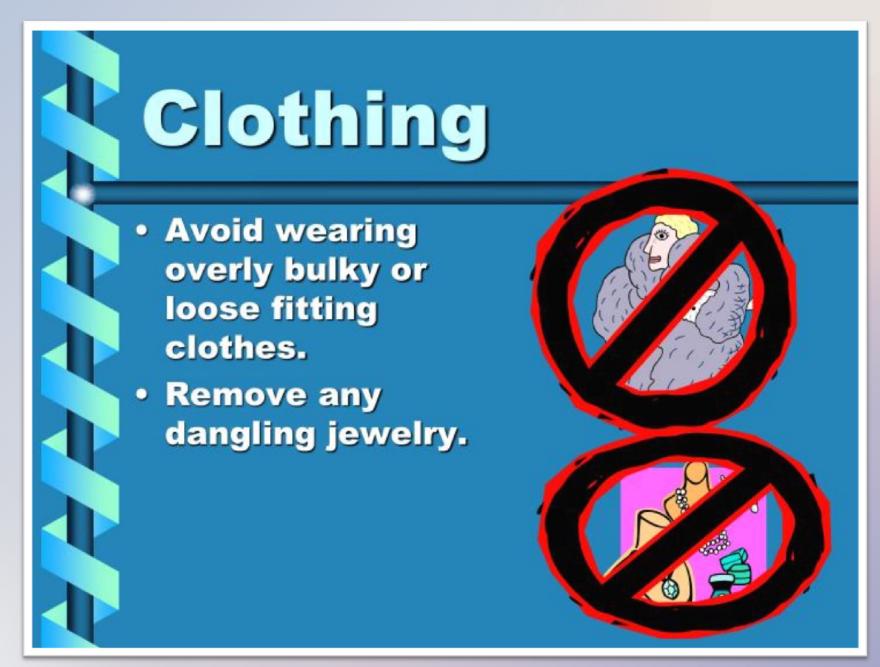


#### **Read Directions**

- Read all of the directions for a laboratory procedure before proceeding with the first part.
- You may want to reread each instruction before you do it.

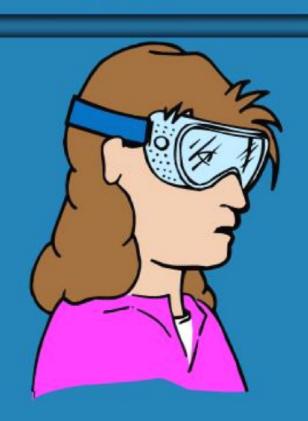


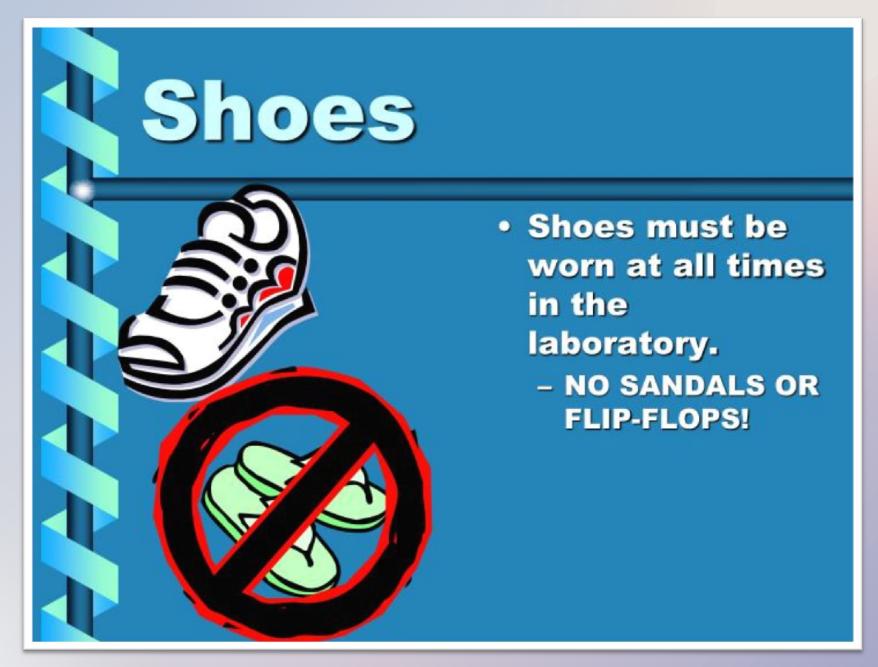




# Safety Goggles

- Wear safety goggles at all times while performing an experiment.
  - Goggle MUST cover eyes!







# No Eating

- Do not chew gum, eat, or drink in the laboratory.
- Tip: Don't chew on the end of a pen that was lying on the lab bench.







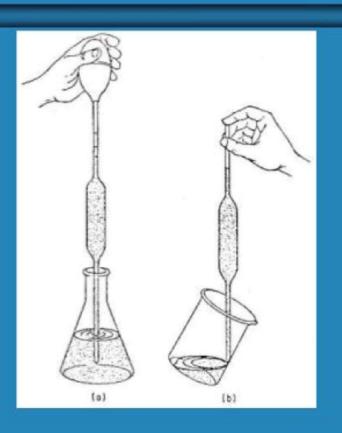


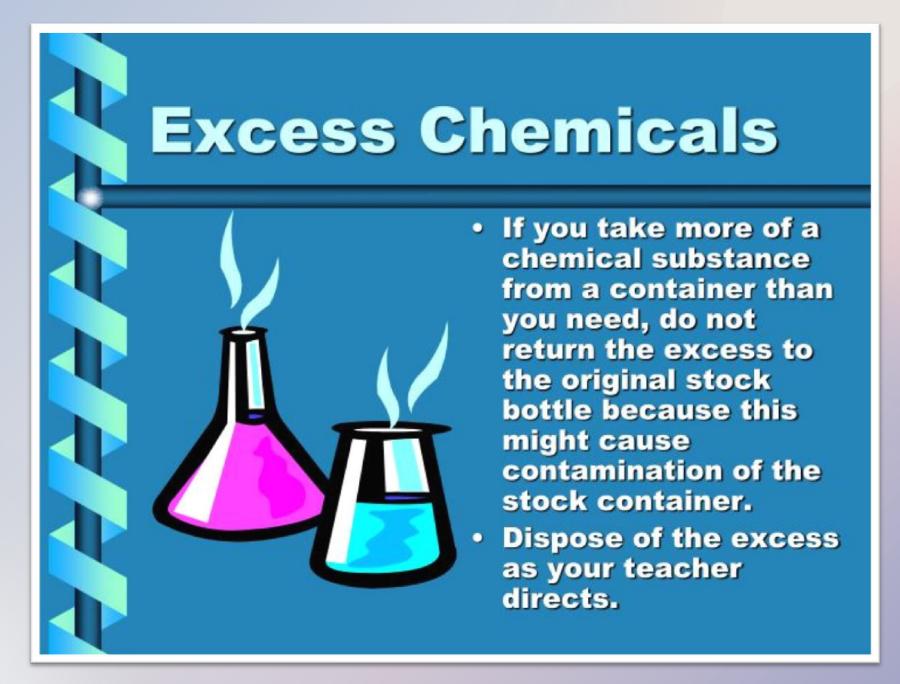




### **Pipeting**

- DO NOT PIPET LIQUIDS BY MOUTH!!!
- Only use a pipet suction bulb.



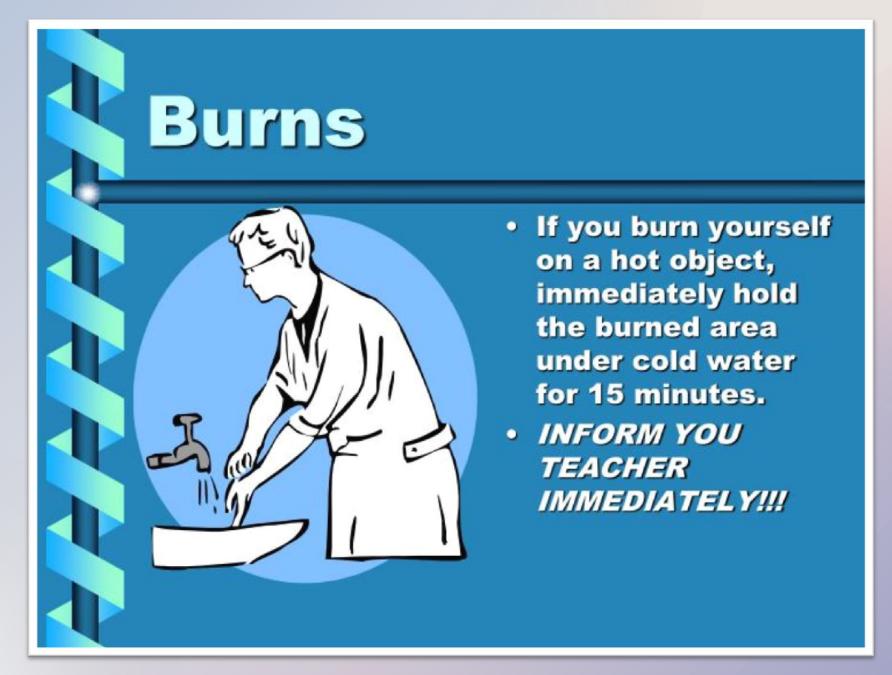


#### Smelling a Substance

- Never smell anything unless your teacher tells you it is safe.
- Do not smell a substance by putting your nose directly over the container and inhaling.
- Instead, waft the vapors towards your nose by gently fanning the vapors toward you.











### Spills

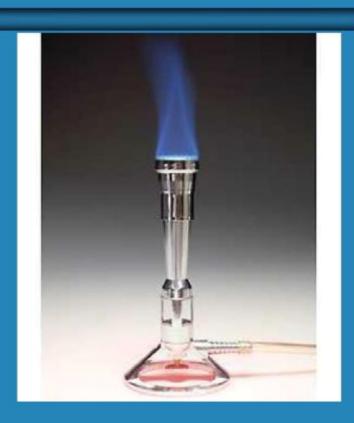
- Clean up spills IMMEDIATELY.
- Notify the people in the area and then obtain assistance from your teacher.
- Acid spills should be neutralized with baking soda.
- Base spills should be neutralized with vinegar before cleaning them up.





### **Bunsen Burner**

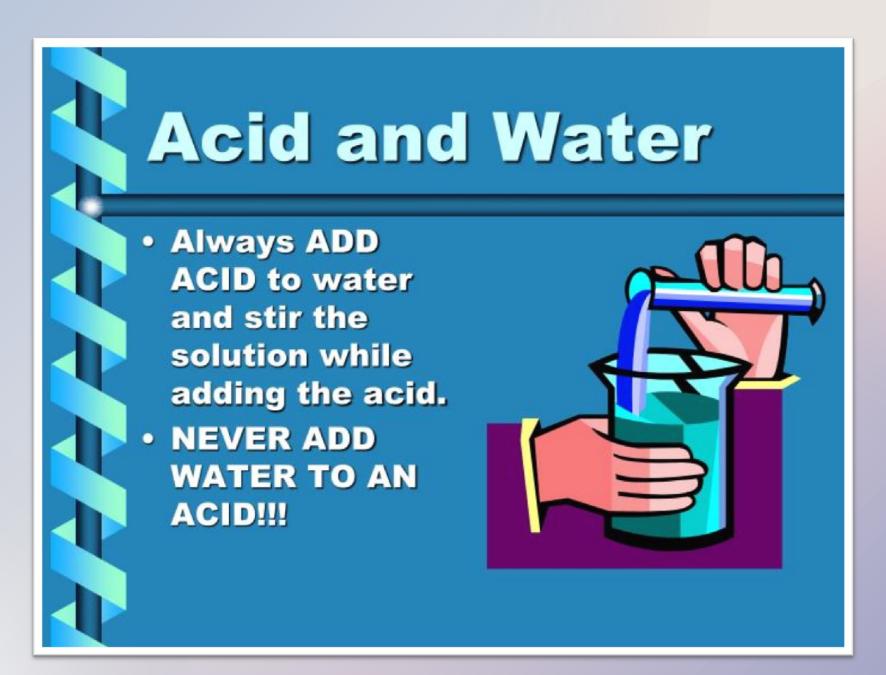
 If your Bunsen burner goes out, TURN OFF THE GAS IMMEDIATELY.







 When heating a test tube, turn the mouth of the test tube away from your self and others.



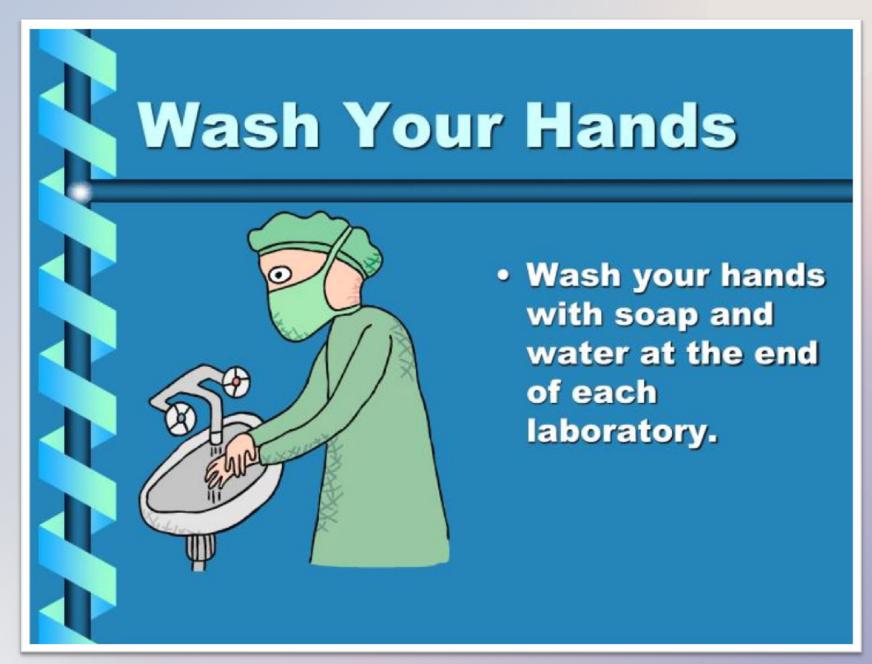




#### **Waste Disposal**

- Follow instructions for proper waste disposal.
- Not all liquids can go down the drain.
- Not all solids can go in the garbage.





#### Watch your station

 Never leave your lab station unattended.



### **Activity Time**

What are the students doing wrong in the following picture?

