






Basic Lab Rules When Working With Chemicals

(These are minimum, extra rules will be assigned during an experiment)

1. Always wear safety glasses when working in the laboratory.
2. Always wear a safety smock.
3. Always add acid to water; never water to acid.
4. Never return unused reagents to stock bottles.
5. Be very cautious when testing for odors.
6. Never aim the opening of a test tube or flask at yourself or at anyone else; especially when heating the apparatus.
7. Avoid all contact of chemicals with exposed skin, never wipe your hands off on your clothes or face; rinse them with water!
8. Never leave a reaction unattended while it is being heated or is reacting rapidly.
9. Under no conditions are unauthorized or unsupervised experiments to be performed.
10. Report any accident, however minor, to the instructor.
11. Always thoroughly clean your work area after an experiment.
12. Never use flammable liquids near any source of ignition, spark, or flame.
13. Know the location for all personal safety and emergency equipment, eye wash, fire extinguisher, and chemical shower.
14. **AT ALL TIMES THINK ABOUT WHAT YOU ARE DOING!!!**

Classroom Map: Place the location of the following items on this map using the key below:

- 2 eye wash stations - 
- 1 chemical shower - 
- 1 fire extinguisher - 
- Safety goggles - 
- Lab aprons - 
- Emergency gas shut off button - "GAS OFF"

Note: Please note the orientation of the map matches that of the map you created in class.

