Remember the Cardinal Rule: Safety First

NJACS ChemExpo

Adapted from
American Chemical Society - Division of Chemical Education Guidelines
Liberty Science Center Regulations

Please sign and return this contract with a list of chemicals and supplies that will be used for demonstration by SEPTEMBER 15.

Chemical Demonstrators:

a. Must wear safety goggles for all chemical demonstrations.

b. Must know the properties of the chemicals used in all demonstrations.

c. Should make an effort to adapt “Green Chemistry” principles and not use toxic materials that are harmful to the environment such as benzene, CCl4, CS2, formaldehyde.

d. Must not plan a demonstrations that produce noxious gases such as NO2, SO2, H2S.

e. Must not use open fires (Burners or candles). May use hot plates instead.

f. Must not taste or encourage spectators to taste any edible/non-edible substance.

g. Must not use demonstrations in which parts of the human body are placed in danger such as dipping hands into liquid nitrogen.

h. Must warn the members of the audience to cover their ears whenever a loud noise is anticipated.

i. Must provide safety shield protection wherever there is the slightest possibility that a container, its fragments, or its contents could be propelled with sufficient force to cause personal injury.

j. Must provide written procedure, hazard, and disposal information for each demonstration whenever the audience is encouraged to repeat the demonstration at another location.

k. Must not bring in helium balloons inside Liberty Science Center.

On behalf of my/our group I/we agree to abide by these rules & guidelines:

GROUP NAME ___________________________________________ (print name)

GROUP LEADER___________________________________________ (print name)

___________________________________________ (signed name & Date)

GROUP NAME___________________________________________ (print name)

___________________________________________ (signed name & Date)