

**LAB SAFETY SYMBOLS**

This program uses safety symbols to alert you to possible dangers in the laboratory. These symbols are explained on pages R 10 and R11. Be sure you understand each symbol before you begin an activity.

Name and give a short explanation of each symbol.

X		1. <u>EYE SAFETY</u> Wear goggles when using sharp objects, glassware, or chemicals, heating an object. Safety goggles should be worn when this symbol appears.	X		7. <u>CLOTHING PROTECTION</u> Tie back long hair or any hair that hangs in front of your eyes. Remove articles of clothing that are loose or that hangs down over a flame, chemical, or piece of equipment.
X		2. <u>FIRE SAFETY</u> Keep your work area neat, clean and free of extra materials. Never reach over a flame or heat source. Point objects being heated away from you and others.	X		8. <u>THERMAL SAFETY</u> Observe all safety icons calling for wearing eye protection, gloves, and aprons.
X		3. <u>ELECTRICAL SAFETY</u> Never use equipment with frayed cords. Make sure that the cord is not lying on the floor where someone can trip over it. Never let cords hang into sinks, over the side of the table. Unplug cord by plug, not the cord.	X		9. <u>CHEMICAL SAFETY</u> Never touch, taste or sniff any chemicals. Determine odor by WAFTING. If you spill a chemical or get one on your skin, notify the teacher immediately.
X		4. <u>POISON SAFETY</u> Never touch, taste or sniff a chemical. Keep lids on chemicals not being used. Never put unused chemicals back in to the container.	X		10. <u>HEATING SAFETY</u> Never touch an object that has been heated. Use oven mitts, clamps, tongs or test-tube holder.
X		5. <u>SHARP OBJECT SAFETY</u> Do not use broken or chipped glass. Tell the teacher if there is broken glassware. Always wear eye protection when using knives or other cutting instruments. Cut away from you.	X		11. <u>FUME SAFETY</u> Keep lids on all chemicals. Pour chemicals over a sink. If chemicals get in your eye, use the eyewash right away. Always wash your hands after handling chemicals.
X		6. <u>DISPOSAL ALERT</u> Clean your work area and pick up anything that has dropped to the floor. Follow teacher's instructions for throwing or putting away supplies.	X		12. <u>ANIMAL SAFETY</u> Touch animals only when necessary. Follow teacher's instructions for handling animals. Never hurt lab animals. Always wash your hands after working with animals.