

Science Starters
Worksheet #1
TAKS Objective 1

1. Lab Safety

1. Always obtain your teacher's permission before you begin a lab.
2. Study the procedures and ask questions if you don't understand something.
3. Always wear goggles, a safety apron, and any other protective equipment necessary for the lab.
4. Always slant the mouth of a test tube you are heating away from yourself and others.
5. Never eat or drink anything in the lab. Never inhale chemicals (remember to waft if you to smell it). Do not taste any substance or draw any material into your mouth.
6. Report any accident or injury to the teacher immediately. Follow your teacher's instructions to dispose of broken glass and other waste materials.
7. Know the location of all fire extinguishers, fire blankets, and other safety equipment in the lab.
8. Long hair should be tied back and loose clothing secured, especially when using fire.
9. Dispose of all chemicals properly and wash all glassware.
Many more safety rules are discussed in your lab safety contract.

Questions:

1. Why should loose clothing not be worn in the lab?
So that the clothing will not accidentally get caught on a piece of lab equipment and cause a spill or accident.
2. Describe the process of "wafting".
Hold the chemical container approximately 4-6 inches from your nose and wave your hand over the chemical to bring the scent toward you.

2. Safety Symbols

1. Biohazard- biological materials that might be harmful: bacteria, fungi, blood, etc.
2. Toxic or Poisonous.