

Name _____ Date _____ Period _____

Science Lab Safety Contract

Fire Safety



One of the major concerns in the science laboratory is the use of a Bunsen burner, candle, or alcohol lamp. Both involve the use of fire and flame. Make sure you use gloves or other protection if picking up a warm or hot object. ***NEVER*** place body parts into a flame. Make sure you know where to turn off the gas. Long hair should be tied back and long sleeves should be rolled up.

Glassware Safety



Glassware is vital to doing good science. If not handled with care, glassware can cause serious harm. It can be broken if dropped; chipped if bumped wrong; and can be very hot when used over a flame. Notify your teacher immediately if you break glassware. ***DO NOT*** put broken glass in the trash can. Your teacher will show you the appropriate container to use when disposing of broken glass.

Sharp Instrument Safety



Sharp instruments are needed in the lab. You must ***never use or pretend to use*** it on yourself or someone else. If you are cut by a sharp instrument, notify your teacher at once.

Eye Safety



Most labs require that you wear safety glasses. The purpose of such glasses is to prevent damage to your vision. If something should get into your eyes, make sure you let your teacher know immediately. We will wear glasses any time we work with chemicals. Alcohol wipes should be used to clean the goggles before using.

Electrical Safety



Many labs involve the use of electrical devices. When you plug in such electrical equipment, make sure you include the ground plug (the round prong). Hold the plug firmly by the insulating cover when plugging it in or unplugging it. ***NEVER*** unplug an electrical device by pulling on its cord. When using water with electrical devices be aware of any risk of electrical shock.

Chemical Safety



Often labs involve the use of chemicals. Please be careful to keep chemicals off your skin and out of your mouth and eyes. If you get any chemical on your skin or in your eyes, inform your teacher ***IMMEDIATELY***. On lab days you shouldn't wear anything that you don't want ruined.

Safety Contract Quiz

_____ 1. You and your lab partner are using dull razors to do a scratch test on igneous rock. The razor slips and gives your lab partner a small cut, but there is not much bleeding. You should:

- a. Rinse the cut with soap and water
- b. Blow on the cut to get bleeding to stop faster
- c. Tell your teacher before you do anything
- d. Get a Band-Aid from the first aid box

_____ 2. You are working with four mystery liquids. They are all clear and you know that one of the liquids is water. While moving the test tubes from one counter to another a small amount of one of the liquids gets splashed on your skin. It does not itch or burn. You should:

- a. Wipe the liquid off your skin with a wet towel
- b. Tell your lab partner to be more careful than you
- c. Wipe the liquid off your skin with a dry towel
- d. Tell your teacher before you do anything

_____ 3. Your mom bought you the CUTEST outfit and you can't wait to wear it tomorrow! Your BFF texted you after dinner to remind you that there is a lab in science tomorrow. You should:

- a. Wear your outfit anyway because you know you'll make your lab partner do all the work for you
- b. Choose an older outfit to wear, just in case
- c. Text your friend to tell her what color your new outfit is so that she can match her outfit with yours
- d. Wear your outfit anyway because you have plans to meet your friends at Smiths during science

_____ 4. You are working with an open flame during a class lab. You notice that the group of students next to you is taking turns lighting things (paper, hair, and trash) on fire while the teacher is not looking. You should:

- a. Quietly sneak away to tell your teacher
- b. Ignore them. You know that they are like this in every class
- c. Join in the fun! It's wicked cool to see stuff on fire
- d. LOL. Those guys are SOOOO funny

By signing this contract you agree that you have **read and understand** proper lab safety procedures. You also agree to follow any additional safety rules given by your teacher. ****Failure to follow lab safety rules will result in your removal from all future labs.****

Please return this sheet: _____

Student name: _____

Period: _____ Date: _____

(Printed)

(Student Signature)

(Parent/Guardian Signature)