

# **NEW FAIRFIELD HIGH SCHOOL**

## **SAFETY CONTRACT**

*To the student: Safety is the number one priority when working in a science lab. You will be working with many hazardous materials and complicated procedures. To be sure that a safe working environment is created for all involved, a list of rules has been developed for us to follow at all times.*

### **Laboratory Procedures and General Safety Rules**

- 1) When first entering a science room DO NOT touch any equipment, chemicals, or other materials in the laboratory area until you are instructed to do so.
- 2) Know all the locations and operating procedures of all safety equipment including the first aid kit, eyewash station, safety shower, fire extinguisher, and fire blanket. Know the exit route for your classroom.
- 3) Labels and equipment instructions must be read carefully before use. Set up and use the apparatus as directed.
- 4) Any time chemicals, heat, glassware or sharp objects are used, students will wear goggles, lab aprons, and closed toe shoes (i.e. no sandals or flip-flops). There will be NO EXCEPTIONS to this rule.
- 5) Be alert and proceed with caution at all times in the lab. Take care not to bump another student, and remain in your lab station while performing an experiment. An unattended experiment can produce an accident.
- 6) Do not have food or drink in the laboratory.
- 7) Perform only experiments authorized by the instructor. Never do anything in the laboratory that is not called for in the laboratory procedures or by your instructor.
- 8) Keeps hands away from your face, eyes, mouth and body while using chemicals.
- 9) During a fire drill: close all containers, turn the gas off and any electrical equipment you were working with. Follow evacuation procedures.
- 10) Never work alone in the laboratory. Do lab work only under the supervision of your teacher.

### **Accidents and Injuries**

- 11) Report any accident or injury immediately to your teacher, no matter how minor it may seem.
- 12) If a chemical should splash in your eyes or on your skin, immediate flush with running water for at least 15 minutes. Notify the instructor immediately.
- 13) If your clothes catch on fire, call for help and use the fire blanket or the safety shower.

## Handling Chemicals

- 14) Never remove chemicals or other materials from the classroom.
- 15) Take great care when transferring acids and other chemicals from one part of the room to another. Hold them securely and walk carefully.
- 16) Never handle broken glass with your bare hands. Use a brush and dustpan and place in the designated glass disposal container.
- 17) Examine glassware for each use. Never use chipped or cracked glassware.
- 18) Check the label on chemical bottles before removing any of its contents. Take only as much as you need.
- 19) Use gloves as instructed by your teacher. Inform your teacher if you have a latex allergy.
- 20) Notify your teacher of **any** chemical spill.
- 21) Never smell anything in the laboratory unless your teacher tells you it is safe. Do not smell a substance by putting your nose directly over the container and inhaling. Instead, waft the vapors toward your nose by gently fanning the vapors toward yourself.

## Heating Substances

- 22) Do not immerse hot glassware in cold water; it may shatter.
- 23) Exercise extreme caution when using a gas burner. Take care that hair; clothing and hands are a safe distance from the flame at all times. Never reach over an exposed flame. Light the burner only with a flint striker unless otherwise instructed. NEVER leave open flame unattended!
- 24) Do not point the open end of a test tube being heated at yourself or anyone else.
- 25) Do not dispose of paper, matches, etc. in your sink.
- 26) Be careful of hot glass, porcelain, or metal. They may not appear hot, but may burn you. Use the Hot Hands to carefully handle hot apparatus.
- 27) If you burn yourself on a hot object, immediately hold the burned area under cold water for 15 minutes. Inform your teacher.

## Clean up

- 28) Wash your hands with soap and water after performing experiments.
- 29) Whether or not the lab instructions remind you, ALL of these rules apply ALL OF THE TIME.

Parts of this contract taken from "Flinn Scientific's Student Safety Contract."

**New Fairfield High School Student/Parent Safety Agreement**

I HAVE READ THE ATTACHED SAFETY RULES AND HAVE BEEN PRESENT WHEN THEY WERE DISCUSSED IN CLASS OR DIRECTLY WITH MY SCIENCE TEACHER. I UNDERSTAND THAT I MUST FOLLOW THESE SAFETY RULES PROVIDED TO ME TO INSURE MY OWN SAFETY, AS WELL AS THE SAFETY OF MY FELLOW STUDENTS AND INSTRUCTOR. I WILL FOLLOW ALL RULES PRESENTED OR DISCUSSED AND I UNDERSTAND THAT BY NOT FOLLOWING THE RULES THAT I MAY BE REMOVED FROM THE LABORATORY AND WILL NOT BE ALLOWED TO COMPLETE THE LAB. I KNOW THAT I AM RESPONSIBLE FOR ALL APPARATUS ASSIGNED TO ME TO BE BACK WHERE IT BELONGS AT THE END OF THE LAB PERIOD.

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PRINT NAME

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SIGNATURE

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CLASS PERIOD

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INSTRUCTOR

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DATE

\_\_\_\_\_ YES, I WEAR CONTACT LENSES.

I HAVE DISCUSSED THE SAFETY RULES WITH MY SON/DAUGHTER. YOUR SIGNATURE BELOW INDICATES THAT YOU HAVE HAD THE OPPORTUNITY TO BECOME FAMILIAR WITH OUR SAFETY GUIDELINES. WE ASK FOR YOUR HELP IN EMPHASIZING TO YOUR STUDENT THE IMPORTANCE OF SAFE PRACTICES IN THE SCIENCE LABORATORY.

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PARENT'S SIGNATURE