



**ETHAN ALLEN**  
PREPARATORY SCHOOL

## **LAB SAFTY RULES & WAIVER**

## GENERAL LAB SAFETY RULES

Do not chew gum or eat or drink anything in the laboratory.

Tie long hair back out of the way and do not wear loose clothing or hats with protruding brims. You should wear a laboratory coat or apron to protect your clothing and closed-toed shoes.

Wear eye protection (safety glasses or goggles) in all science labs whenever there is a chance of eye injury from chemical splashes or flying debris. Do not wear contact lenses in science labs.

Read the instructions for each activity CAREFULLY. Never try anything other than the written laboratory instructions without first consulting with the Mentor. Do not carry out any laboratory activities unless a Mentor is present.

Clean your area after each lab. Always wash your hands with warm water and soap after the lab. Report all accidents to the Mentor, no matter how small they may seem.

Know where the safety equipment is located in the lab.

If a chemical is spilled on your skin, IMMEDIATELY wash it off with lots of water. If a large amount of chemical is spilled on your skin or clothing, rinse it off under the safety shower.

If a chemical is splashed in your eyes, IMMEDIATELY flush your eyes with water for at least 15 minutes, and contact a doctor.

If you should discover a fire, notify the Mentor IMMEDIATELY. Warn other students to keep away from the area and follow the Mentor's directions. If the fire is large, evacuate the room, close the door and pull the fire alarm. If your clothing or hair should catch fire, drop to the floor and roll to extinguish the flames. DO NOT RUN - this can make the fire worse.

Never leave a bunsen flame unattended. When the flame is not being used, close off the air inlet to make the flame yellow and visible. The blue bunsen flame is hard to see and an accident may occur if someone does not see the flame.

If you are not sure whether or not a piece of equipment or glassware is hot, approach it with the back of your hand so that you can detect any heat before grasping it. If you do burn yourself, flush the burn with cold water. Notify the Mentor and, if necessary, get medical attention.

Be very careful with sharp objects such as dissecting scalpels, needles and razor blades. Do not use cracked or chipped glassware and be careful with glass pipettes and other pointed glassware. If you do cut yourself, rinse the cut with cold water. For a serious cut which is bleeding heavily, apply pressure to the cut. Notify the Mentor and, if necessary, get medical attention.

When pulling electric plugs out of sockets, grasp the plug, not the cord. Report any frayed cords or exposed wires to the Mentor and do not touch them.

Handle all chemicals with respect. Chemicals which may be safe if handled responsibly and correctly may be dangerous if treated carelessly. Do not handle or mix any chemicals unless the instructions direct you to do so.

When getting chemicals for use in an experiment, read the label twice to make sure you have the right chemical at the correct concentration. Read any safety information on the label as well. Be careful not to contaminate stock bottles of chemicals - use clean spatulas to transfer solids and pour the required amount of any liquids you may need into a labelled, clean beaker, flask or test tube. Do not put dropping pipettes into any stock bottles of liquids. Do not take more of any chemical than you need and do not put excess chemicals back into stock bottles - dispose of them as directed by the instructions and/or Mentor.

Report any spills of chemicals to the Mentor.

When heating or mixing substances in test tubes, make sure the mouth of the test tube is pointed away from yourself and other people. Heat test tubes gently, moving them through the flame.

Do not dispose of any chemicals in the sink or garbage without the Mentor's permission. Some chemicals and mixtures may need to be disposed of in special dumps, as directed by the teacher and/or Mentor.

Dispose of broken glass and other sharp objects as directed by the Mentor.



## Lab Safty Rules & Wavier

I have read the General Lab Safety Rules and agree to abide by them. I understand that failure to follow all the rules and safety precautions will result in my being removed from the lab and that I may not be allowed to participate in future activities.

\_\_\_\_\_  
student signature

\_\_\_\_\_  
date

\_\_\_\_\_  
parent/guardian

\_\_\_\_\_  
date

## **LABORATORY SAFETY RULES** **RELEASE AND WAIVER OF LIABILITY**

(Read carefully before signing)

I have read, understand, and agreed to follow the attached laboratory safety rules at Ethan Allen Preparatory (EAP). I also agree to abide by any additional instructions, written or verbal, provided by the Mentor and/or on-line teacher. The undersigned hereby acknowledges that participation in laboratory activities involves an inherent risk of physical injury and by the execution of this release hereby assumes all such risks. The undersigned further agrees that for the sole consideration of EAP allowing the undersigned to participate in science programs for which or in connection with which the facility has made available any equipment, facilities, or personnel for such programs or activities, the undersigned does hereby release and forever discharge EAP, Golf Performance center, EAP Property Management, its members officially and individually, and it officers, agents and employees of any and from all claims, demands, rights and causes of action of whatever kind or nature, arising from and by reason of any and all known and unknown, foreseen and unforeseen bodily and personal injuries, damages to property, and the consequences thereof, resulting from my participation in or in any way connected with such science programs and/or laboratory activities.

**I certify that I have read and understand this release.**

\_\_\_\_\_  
student signature

\_\_\_\_\_  
date

\_\_\_\_\_  
printed name

\_\_\_\_\_  
parent/guardian signature

\_\_\_\_\_  
date

\_\_\_\_\_  
printed name

