



Acknowledgment of Risk Student Science Safety

Student First and Last Name: _____ Course: _____

Teacher Name: _____ School: _____

Your personal safety and the safety of those around you depend upon the care with which you follow **CBE Safety and Laboratory Rules**. Incidents can be prevented by paying attention to lab activities at all times. You may only participate in Grade 7 to 12 science laboratory activities once this form is completed and signed.

1. I have received instruction regarding science laboratory safety.
2. I have read, understand, and agree to abide by *CBE Safety and Laboratory Rules* for my own safety and for the safety of those around me.
3. I will follow all instructions provided to me for each science activity.
4. I understand that failure to observe CBE Safety and Laboratory Rules and/or teacher instructions may result in my laboratory privileges being suspended.
5. I understand that I can be held responsible for careless and unsafe practices on my part that cause harm to others and/or damage to the property of others.

The wearing of contact lenses in laboratory environments can pose a danger to the eyes and/or the contact lens. Some chemical manufacturers and post-secondary institutions forbid the use of contact lenses even when protected by splash-proof safety goggles. Listed below are some facts to consider concerning contact lens use in the laboratory environment.

- Should an incident occur which involves splashing chemicals into the eye, the contact lens may hold the chemical in the eye.
- In such an incident, the time it takes to remove the contact lens is adds to the time before washing and/or first-aid can be administered.
- Soft contact lenses may increase the risk of injury because they may pick up chemicals that enter the air as a vapour.

The decision to wear or not wear contact lenses in the laboratory is that of the student's parent(s)/guardian(s), or the student if they are independent students. Regardless, all students must wear splash-proof safety goggles in certain activities, even if they wear contact lenses or prescription glasses.

Student: initial below to provide your acknowledgment:

- _____ I agree with the above five statements stated at the top of this form.
- _____ I will wear appropriate eye protection as directed during science laboratory activities.
- _____ I will wear closed-toed shoes and tie back long hair during laboratory activities.
- _____ I understand that I may choose not to participate in some or any laboratory activities
- _____ I understand that if I choose not to participate in a laboratory activity that I am required to demonstrate the associated learning outcomes and will do so as directed by my teacher.

Parent / Legal Guardian / Independent Student: initial below to provide your acknowledgment, even if the student does not currently wear contact lenses:

- _____ I am aware of the additional risks to the eyes when wearing contact lenses during labs.

Do you have any concerns your teacher should be aware of (e.g. medical, other restrictions)? ☐ No ☐ Yes. If yes, describe:

_____	_____	_____
Print Name of Student	Signature of Student	Date (MM/DD/YYYY)
_____	_____	_____
Print Name of Parent / Legal Guardian / Independent Student	Signature of Parent / Legal Guardian / Independent Student	Date (MM/DD/YYYY)

Notice: Any personal information collected by the CBE pursuant to this form is collected under the authority of Alberta's *Protection of Privacy Act* (POPA) and the *Education Act*. This information will be used to document that students and parents/guardians have reviewed and acknowledged science laboratory safety expectations prior to participating in laboratory activities. All personal information will be treated in accordance with the privacy protection provisions of POPA. If you have any questions about the collection of personal information or its intended use, contact your school principal or the CBE's Corporate Risk Management Department.

Safety and Laboratory Rules

1. Read the procedure thoroughly before entering the laboratory. Focus on the lab work and be familiar with the materials, equipment needed, and procedure.
2. Students shall not work in the science classroom without the presence of a teacher. Perform only those experiments authorized by your teacher. Carefully follow all instructions, both written and oral.

3. Safety goggles and aprons (when provided) must be worn at all times when in the lab. Eyeglasses alone do not offer enough protection from projectiles or splashed chemicals. If you wear glasses, goggles must be worn over them. Avoid wearing contact lenses during experiments. If you must wear contact lenses, your goggles must seal well to your face.



4. Know the locations of all safety equipment including: first aid kit(s), eye wash station, chemical spill kit and fire extinguisher. Know where the fire alarm and exits are located.

5. Know and follow the Workplace Hazardous Materials Information System regulations.



6. Long hair must be tied back, dangling jewellery must be removed and baggy clothing must be secured. Close-toed shoes and long pants must be worn. Personal electronics (iPods, cell phone, etc.) are prohibited in the lab.

7. Eating, drinking, chewing gum and application of cosmetics (lip balm, gloss, etc.) are prohibited in the lab.



8. Walk with care and keep your work area free of clutter. Keep backpacks and other belongings in a designated place.

9. Examine all glassware for cleanliness, chips and cracks before use. Report damaged glassware to your teacher. Never handle broken glass. Dispose of broken glass in the broken glass container provided by using a dustpan and hand broom.



10. Do not taste, or touch any reagents. If directed by your teacher to smell chemicals or gases, use a wafting motion to direct the odour toward your nose.

11. Handle chemicals carefully. Check the label of all bottles before using the contents. Take only as much as you need. Do not return unused chemicals to reagent bottles. Use waste containers provided. All reagent bottles and waste containers must be capped when not in use.

12. Any experiment involving the production of harmful fumes and gases must be performed in a fume hood as instructed by the teacher.



13. When heating a substance in a test tube, do not point the mouth of the test tube at another person or yourself.

14. Report any accident (spill, breakage, etc.) or injury (cut, burn, etc.) to the teacher immediately, no matter how trivial it seems.



15. Never leave burners, flames or hot equipment unattended. Turn them off whenever you leave your workstation and leave them to cool before returning them to storage.

16. While using electrical equipment, be careful about the wiring, and cords. If an electrical cord is damaged, report this to your teacher. Be sure your hands are dry and the electrical equipment is turned off before plugging it into the outlet. Turn off all equipment when you are finished using it.



17. Never remove any equipment or chemicals from the laboratory without the permission of your teacher.

18. Ensure all equipment is cleaned and returned to its proper place upon completing your lab. Any waste materials are to be disposed of as instructed. Clean your lab bench. Wash hands thoroughly with soap and water before leaving lab.

