

# Barnesville Public Schools

*Commitment to Excellence*

**Mr. Strand**

**Classroom: 131**

**Email:** nstrand@barnesville.k12.mn.us

## Lab Safety Agreement

### Purpose

Science classes often involve hands-on laboratory activities. Many labs will involve potentially hazardous chemicals and materials. I refer to them as potentially hazardous because they are only hazardous if used inappropriately. There is no place in my class for unsafe use of materials. Thus, you will need to either be safe or be out. To guide you to be safe, I am giving you this lab safety contract. It contains guidelines for safe behavior in my class. You must read this contract carefully, have your parents read it and you both must sign it and return it to me. ***Only after I have your signed copy of this agreement will you be able to participate in any lab activities in this class.*** As such, it is a good idea to print up an extra copy for you to keep in your folder for reference.

### General guidelines

1. Conduct yourself responsibly at all times.
2. Follow all written and verbal instructions carefully. Ask questions if you do not understand.
3. No student is allowed in the classroom without a teacher. If there is no teacher in the room, DO NOT ENTER!
4. Do not touch any equipment or materials before instructed to do so.
5. NO FOOD OR DRINK IN THE LAB!!!
6. Never start the lab unless you have received prior approval from me.
7. Always read the lab packet before you perform the lab.
8. Keep your work area neat and clean.
9. Never bring purses, backpacks, or other bags to lab.
10. Never leave liquid-filled containers uncovered.
11. Know the location and operation of all safety equipment.
12. Do not run, shout, or throw things in the lab.
13. Notify me if an unsafe condition exists in the classroom.
14. Dispose of all chemicals properly. I will instruct you about how to dispose of specific chemicals.
15. Keep your hands away from your face while doing labs. Also, always wash your hands after the clean-up is complete.
16. Rinse out all glassware and leave it to dry in the designated locations.
17. Stay at your lab bench during labs.
18. Know what to do if there is a fire drill.
19. Treat preserved biological specimens respectfully
20. Carry sharps appropriately; tips down and away.

### Accidents

1. Immediately report ALL injuries, no matter how minor, to me.
2. Use the eyewash or shower if you are splashed with a chemical. Always assume that the chemicals are hazardous.

### Clothing

1. Goggles, aprons and gloves must be worn.
2. Contact lenses should be avoided
3. Only close-toed shoes may be worn on lab days.
4. Tie long hair behind your head.
5. No loose clothing or jewelry.

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## **Handling Chemicals**

1. Consider all lab chemicals to be hazardous.
2. Double check the label before using a chemical
3. Take only the amount of chemical you will use.
4. Never return unused chemicals to their original container (see # 14 above).
5. Never let a chemical near your mouth.
6. Never remove chemicals or other materials from the lab.
7. Always hold chemical bottles with two hands when transporting them.

## **Handling Glassware**

1. Never handle broken glass. If a piece of glassware breaks, notify me immediately and I will dispose of it.
2. Never use chipped glassware.

## **Heating Substances**

1. Use caution when heating something with a Bunsen burner. Do not put any substance in the flame, and always light the burner at arm's length.
2. Never leave a lit burner unattended.
3. Never look into a container that is being heated.

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## **Agreement**

### **Student**

I, \_\_\_\_\_, have read and understand the guidelines listed in the Lab Safety Agreement. I promise to follow these guidelines. I understand that failure to follow these or other verbal guidelines may result in removal from the lab, detention, failure and/or dismissal from the course.

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Signature

Date

### **Parent or Guardian**

I \_\_\_\_\_, have read and understand the guidelines listed in the Lab Safety Agreement. I understand that my child is expected to follow these guidelines. I also understand the consequences of my child's failure to abide by these guidelines.

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Signature

Date