

Name _____

Date _____

Period _____

Wakefield Middle School Science Safety Agreement

Before you work in the laboratory, read these safety rules carefully. Ask your teacher to explain any rules that you do not completely understand. Refer to these rules later on if you have questions about safety in the science classroom. **This agreement must be signed and returned before you can participate in any lab activity!**

Directions:

- ❖ Read all directions and make sure that you understand them before starting an experiment or lab activity. If you do not understand how to do a procedure or how to use a piece of equipment, ask your teacher.
- ❖ Do not begin any experiment or touch any equipment until your teacher has told you to start.
- ❖ Never experiment on your own. If you want to try a procedure, ask your teacher for permission first.
- ❖ If you are hurt or injured in any way, tell your teacher immediately.

Dress Code:

- ❖ Goggles will be worn when using sharp objects, chemicals, heat, or anything that may hit someone in the eye.
- ❖ Tie back long hair or hair that hangs in front of your eyes.
- ❖ Remove any article of clothing- such as a loose sweatshirt or scarf- that hangs down and may touch a flame, chemical, or piece of equipment. Roll or push up long sleeves.
- ❖ Observe all safety icons calling for the wearing of eye protection, gloves, and aprons.

Heating and Fire Safety:

- ❖ Keep your work area neat, clean, and free of extra materials.
- ❖ Never reach over a flame or heat source.
- ❖ Point objects being heated away from you and others.
- ❖ Never heat a substance or an object in a closed container.
- ❖ Never touch an object that has been heated. If you are unsure whether something is hot, treat it as though it is. Use oven mitts, clamps, tongs, or a test tube holder.
- ❖ Know where the fire extinguisher and fire blanket are kept in your classroom.
- ❖ Do not throw hot substances into the trash. Wait for them to cool or use the container your teacher puts out for disposal.

Electrical Safety:

- ❖ Never use lamps or other electrical equipment with frayed cords.
- ❖ Make sure no cord is lying on the floor where someone can trip over it.
- ❖ Never let cords hang into sinks or other places where water can be found.
- ❖ Never try to fix electrical problems. Inform your teacher of any problems immediately.
- ❖ Unplug an electrical cord by pulling on the plug, not the cord.

Chemical Safety:

- ❖ If you spill a chemical or get one on your skin or in your eyes, tell your teacher right away.
- ❖ Never touch, taste, or sniff any chemicals in the lab. If you need to determine odor, waft.
- ❖ Keep lids on all chemicals you are not using.
- ❖ Never put unused chemicals back into the original containers.
- ❖ Pour chemicals over a sink or your work area, not over the floor.
- ❖ If you get a chemical in your eye, use the eyewash right away.
- ❖ Always wash your hands after handling chemicals, plants, or soil.
- ❖ Read the label before using any chemical.
- ❖ Never eat or drink in the science lab.

Glassware and Sharp-Object Safety:

- ❖ If you break glassware, tell your teacher right away. Do not try to clean the glass yourself.
- ❖ Broken glass should be placed in the sharps container.
- ❖ Do not use glassware that is broken or chipped. Give these to your teacher.
- ❖ Use knives and other cutting instruments carefully. Always wear eye protection and cut away from you.

General Safety:

- ❖ Work in your assigned area with your partners. Do not visit other groups.
- ❖ Never throw anything in the science classroom. No horseplay.

Cleanup:

- ❖ Clean your work area and pick up anything that has dropped to the floor.
- ❖ The sinks should remain clean and free from debris. Do not throw garbage in the sink.
- ❖ Wash your hands.

I have read, understood, and agree to follow the above safety regulations. I understand that failure to follow these safety rules will result in me not participating in the experiment or lab activity.

Student Signature: _____