Queen Anne's County Student Safety Contract

PURPOSE
Science is a hands-on laboratory class. You will be doing many lab activities which may require the use of chemicals or other hazardous materials. Safety in the classroom is the #1 priority for students, teachers, and parents. To ensure a safe science classroom, a list of rules had been developed and provided to you in this student safety contract. Two copies of this contract will be provided to you. One copy must be signed by you and your parent or guardian before you can participate in the lab activities. A second copy will remain in your science notebook as a constant reminder of the safety rules.

GENERAL RULES
1. Conduct your self in a responsible manner at all times in the lab.
2. Follow all written and verbal instructions carefully. If you do not understand part of the instructions, ask.
3. Never work alone. No student can work in the lab without the teacher present.
4. When first entering the science room, do not touch any equipment, chemicals, or other materials until you are instructed to do so.
5. Do not eat food, drink beverages, or chew gum in the lab. Do not use glassware as containers for food or beverages.
6. Perform only those experiments authorized by the teacher.
7. Never fool around in the laboratory. Horseplay, practical jokes, and pranks are dangerous and prohibited.
8. Work areas should be kept clean at all times.
9. Keep aisles clear & push your chair under your desk when not in use.
10. Know the locations and procedures of all safety equipment including the 1st aid kit, eyewash, safety shower, fire extinguisher, and fire blanket. Know where the fire alarm and the exits are located.
11. Always work in a well ventilated area.
12. Be alert and proceed with caution at all times in the lab. Notify the teacher of any unsafe conditions you observe.
13. Dispose of all chemical waste properly. Never mix chemicals in sink drains. Sinks are to be used for water and those solutions designated by the teacher.
14. Labels and equipment instructions must be read carefully before use.
15. Keep hands away from face, eyes, mouth and body while using chemicals or preserved specimens. Wash your hands with soap and water after performing all experiments. Clean all work surfaces and equipment at the end of all labs.
16. Experiments must be monitored at all times. Do not walk away from your lab stations while there is a lab in progress.
17. Know what to do if there is a fire drill during a laboratory period; containers must be closed, gas valves turned off, fume hoods turned off and any electric equipment turned off.
18. Handle all living organisms used in a lab activity in a humane manner. Preserved biological materials are to be treated with respect and disposed of properly.
19. When using scalpels and other sharp instruments, always carry with tips and points pointing own and away from your body. Never try to catch a falling sharp instrument. Grasp sharp instruments only by the handles.

CLOTHING
20. Anytime chemicals, heat or glassware are used, students will wear lab goggles. There will be no exceptions to this rule.
21. Contact lenses should not be worn in the lab unless you have permission from your teacher.
22. Dress properly during lab activities. Long hair, dangling jewelry, and loose or baggy clothes are a hazard in the lab. Long hair must be tied back and dangling jewelry and loose or baggy clothes must be secured.
23. Shoes must completely cover the foot. NO SANDALS OR FLIP FLOPS ON LAB DAYS!

ACCIDENTS & INJURIES
24. Report any accident (spill, breakage, etc.) or injury (cut, burn, etc.) to the teacher immediately – no matter how trivial it may appear.
25. If you or your lab partner get injured, immediately yell out, “Code one, Code one” to get your teacher’s attention.
26. If a chemical splashes in your eye or on your skin, immediately flush with running water for at least 20 minutes. Notify teacher immediately.

HANDLING CHEMICALS
27. All chemicals in the lab are to be considered dangerous. Do not touch, smell, taste, any chemicals unless instructed to do so by your teacher. The proper
30. Never use mouth suction to fill a pipet.

31. Always add acid to water, swirl or stir the solution and be careful of the heat produced.

32. Never dispense flammable liquids near an open flame or heat source.

**HANDLING GLASSWARE & EQUIPMENT**

33. Never handle broken glass with your bare hands. Use a dust pan and brush. Dispose of broken glass in the designated glass disposal container – not the trash can.

34. Always lubricate glassware when inserting or removing glass tubing from rubber stoppers. Protect your hands with gloves or towels when inserting glass tubing into or removing it from a rubber stopper.

35. When removing an electrical plug from an outlet, grasp the plug—not the cord. Make sure hands are dry before touching an electrical switch, plug, or outlet.


37. Do not immerse hot glassware into cold water or place on cold counter; it may shatter.

38. Use extreme caution when using a burner. Take care that hair, clothing and hands are a safe distance from the flame at all times.

39. Never leave a lit burner unattended. Never leave anything that is being heated unattended.

40. Do not point the open end of a test tube being heated at yourself or others.

41. Never look into a container that is being heated.

42. Heated metals and glass remain very hot for a long time. Use tongs or heat-protective gloves if necessary.

43. Do not place hot apparatus directly on the lab desk. Always use an insulating pad.

44. When heating glass, allow time for the glass to cool before further handling. Hot and cold glass looks the same.

**QUESTIONS**

(CIRCLE ANSWER)

45. Do you wear contact lenses?
   - Yes
   - No

46. Are you color blind?
   - Yes
   - No

47. Do you have allergies?
   - Yes
   - No

If so, list specific allergies:
____________________________________________________________________
____________________________________________________________________
____________________________________________________________________
____________________________________________________________________

**AGREEMENT**

I,

have read and agree to follow all of the safety rules set forth in this contract. I realize that I must obey these rules to ensure my own safety, and that of my fellow students and teacher. I will cooperate to the fullest of my extent with my teacher and fellow students to maintain safe lab environment. I will also closely follow the oral and written instructions provided by the teacher. I am aware that any violation of this contract that results in unsafe conduct in the lab or misbehavior on my part, may result in being removed from the lab, detention, receive a failing lab grade, or permanent dismissal from future lab activities.

__________________________
Student Signature

__________________________
Date

__________________________
Dear Parent or Guardian:

Your signature on this contract indicates that you have read this Student Safety Contract, are aware of the measures taken to ensure the safety of your son/daughter in the science lab, and will instruct your son/daughter to uphold his/her agreement to follow these rules and procedures in the lab.

__________________________
Parent/Guardian Signature

__________________________
Date