

## MRMS Science Lab

# SAFETY CONTRACT

### General Rules:

1. Act responsibly at all times in the laboratory. No fooling around, joking, running, pushing or shoving!
2. Follow all verbal and written instructions carefully.
3. Read all procedures carefully. If you do not understand directions, ask for help.
4. Do not touch any equipment, chemicals, or other materials until you are told to do so by the teacher. Do not touch anything in the laboratory unless authorized by the teacher.
5. Do not eat or drink in the laboratory.
6. Safety goggles should be used when working in the laboratory and using chemicals.
7. Keep your work area neat and aisles in work area clear. Push chairs in when they are not in use. Items not required for labs should be placed on your desk or in your locker
8. Clothing should be appropriate. Long sleeves should be rolled up above the wrists. Long or bulky jewelry should not be worn in the laboratory. Bulky clothing and open-toed shoes should not be worn.
9. Know the location of emergency, first aid and firefighting equipment.
10. Know the proper fire drill procedure and know where to get help.
11. Never taste, smell or touch chemicals unless told to do so by the teacher'
12. When asked to smell a substance, use a wafting motion with your hand. Never put a bottle to your nose and breathe deeply.
13. Always clean and wipe dry tables and work areas after the lab.
14. All laboratory waste should be disposed of properly. Solid and liquid waste should be placed in designated containers. Never put or pour anything down sinks!
15. When using knives or other sharp instruments carry with tips and points pointing down and away. Always cut away from yourself, and be aware of surrounding people.

### Handling Glassware:

16. Carry glass tubing vertically.
17. Never pick up broken glass with bare hands, use a broom/brush and dustpan. Place glass in designated container.
18. Wear gloves when inserting glassware into a stopper, lubricate first with water or glycerin and use a twisting motion.
19. Use proper tongs to carry hot glassware. Do not touch hot glass.

### Handling Chemicals:

20. Read labels on chemical bottles and follow instructions.
21. Do not return unused chemicals. Dispose of in designated containers.
22. Hold containers away from your body when transferring chemicals from one container to another.
23. Do not touch chemicals. If you come into contact with chemicals wash area immediately.
24. Wear latex gloves when handling concentrated acids and bases. When mixing acid and water, add acid to the water.

### Heating Substances:

25. Use caution with gas burners. Keep head and clothing away from flame.
26. Turn off burners and hot plates when not in use.
27. Do not bring anything into contact with the heat source unless directed to.
28. Do not leave items being heated unattended.
29. When heating substances in a test tube, face the mouth of the tube away from people.



### In Case of an Injury:

30. Remain calm and notify the teacher/adult immediately.
31. Be familiar with first aid practices.
32. Know how to use emergency equipment.

Accidents happen every day, and to decrease the chance of any happening in the science classroom all students must follow the safety procedures. By reading the rules above and signing the student contract you are declaring you will follow safety procedure and guidelines, and will be responsible at all times during labs.

Students who do not follow the science lab safety procedure will be asked to leave the class and conduct the lab during detention or other designated time.

*“I have read and understand the science lab safety procedure regarding the lab rules. I agree to follow the procedures outlined above.”*

Name (please print): \_\_\_\_\_ Period: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_