



REGINA MUNDI CATHOLIC COLLEGE  
DEPARTMENT OF SCIENCE

**SCIENCE SAFETY PRACTICES AND PROCEDURES**

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**RESPONSIBILITIES OF THE STUDENT**

Safety is freedom from incidents. Incidents can be prevented through awareness, knowledge and a safe attitude by each individual who uses the science laboratory or classroom. Responsibilities for each student for the prevention of incidents are described below:

- Work in a manner that you and other individuals are NOT placed in a dangerous situation.
- Know and follow the safety rules at ALL times.
- Prepare completely BEFORE starting any activity.
- Wear the recommended safety equipment for each experiment or activity.
- Report ALL safety incidents to the instructor NO MATTER how minor.

**AS A STUDENT I WILL ALWAYS:**

1. Tie back long hair away from your face, chemicals and burners. Confine loose clothing. Shoes required; open-toed shoes or sandals not permitted.
2. Use separate scoopulas, dropping pipets, etc. for separate chemicals and solutions. Take only the amount needed for the activity or experiment.\
3. Keep hands, scoopulas, pens, pencils, etc., away from the mouth. Avoid touching your eyes.
4. ADD acids to water, NEVER add water to acids
5. Use the correct method for pouring chemicals from reagent bottles.
6. Replace all lids (finger tight) immediately after use.
7. When heating glassware such as test tubes, point openings away from people and yourself.
8. Use only heat resistant glassware.
9. Report damaged equipment and unidentified chemicals to the instructor immediately.
10. When removing an electric plug from its socket, pull the plug and not the cord.
11. Wash your hands after working with chemicals, preserved specimens, micro-organisms, etc.
12. Use the correct waste container as directed by your instructor.
13. Be wary of any substances – liquid or solid – on the work area since they may be corrosive.
14. Remain standing during an experiment unless instructed otherwise.
15. Keep the work area uncluttered. Store all unused equipment properly.

**AS A STUDENT I WILL:**

1. **NEVER** handle any material in the classroom, laboratory or storage room without permission of the teacher.
2. **NEVER** conduct experiments alone, or without proper supervision. No laboratory work may be done without the instructor's permission.
3. **NEVER** take anything out of the science classroom without the specific permission of your instructor.
4. **NEVER** engage in horseplay of any kind.
5. **NEVER** carry hot equipment or dangerous chemicals through a congestion of students.
6. **NEVER** use unfamiliar equipment.
7. **NEVER** leave a lighted burner, or any experiment in progress, unattended.
8. **NEVER** put any substance into a flame unless specifically instructed to do so by your teacher.
9. **NEVER** heat or cool glassware quickly, i.e pouring cold water into hot glassware.
10. **NEVER** bring a butane lighter to class.
11. **NEVER** return unused chemicals to reagent bottles unless specific permission is given by your instructor. Do not place anything in a reagent bottle except the dropper or scoopula provided.
12. **NEVER** taste any materials unless specifically instructed to do so by your teacher.
13. **NEVER** use your mouth to draw a liquid into a pipet. Use a safety bulb on the pipet.
14. **NEVER** smell chemicals unless instructed by the teacher and then, only the "hand-wafting" method should be used to waft vapors to your nose.
15. **NEVER** bring or consume food or beverage in the science classroom, laboratory or storage room.

**STUDENT SAFETY CONTRACT (Please check each box)**

- I \_\_\_\_\_ (student name), have read the Laboratory Safety rules and I understand what they mean. I will follow them throughout the entire course.
- I will follow all instructions given by the teacher.
- I will wear appropriate safety clothing while conducting class activities
- I agree to conduct myself in a responsible manner at all times in a laboratory situation.

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**Student Signature****Parent Signature****Date**