

ROYAL PALM BEACH HIGH SCHOOL
MARINE SCIENCE II
LABORATORY SAFETY CONTRACT

General Safety Rules

1. Be prepared for lab activities when you arrive. Your teacher will let you know when labs are so you can be dressed appropriately if needed.
2. Do not eat or drink in the classroom and never eat or drink from lab equipment. Do not smell any chemicals or lab materials (unless told to do so by your teacher).
3. Perform only lab activities assigned and explained by your teacher. Never work with unauthorized materials.
4. Report all accidents or unusual occurrences to your teacher immediately.
5. Know where to **leave the classroom** in case of an emergency (fire exit route).
6. Know the location of **emergency equipment** Look around the room or ask your teacher and list the location of the nearest emergency equipment for your science classroom:

Eyewash: _____

Shower: _____

Fire Extinguisher: _____

Fire Blanket: _____

Fire Alarm: _____

7. Keep lab areas clean and free of clutter
8. Do not leave a laboratory experiment unattended
9. No horseplay in the laboratory classroom.

Personal Safety Rules

Medical Problems: In advance of the lab, inform your teacher about any medical problems that may affect your safety during lab (including allergies, asthma, epilepsy, & heart conditions).

Attire: Wear clothing that will not get in the way during lab (sleeves rolled up, remove dangling jewelry). Tie long hair back and out of your face.

Contact Lenses: Do not wear contacts when doing lab investigations that require the use of volatile liquids (like acetone). Wear glasses instead of contact lenses.

Lab Safety Procedures

Safety Goggles: Wear protective goggles during any activity involving flames, heating substances, use of hazardous chemicals and whenever else your teacher advises it. Goggles should be worn even if you wear glasses and they should be kept on during the entire activity as advised by your teacher.

Heat/Fire Safety: Tie hair back, roll up sleeves and remove jewelry & clothing that may get in the way. Keep flammable substances away from any hot plate or burner. When heating a test tube, point the open end away from you and others. Do not heat material in a stoppered tube. Use tongs to handle hot glassware. Do not look into the top of a tube being heated. If you get burned, report the incident to the teacher.

Corrosive/Poisonous Substances: Avoid letting any substances touch your skin, eyes, or clothing. Wear protective clothing and goggles. Do not inhale vapors. Never smell or taste chemicals or other lab materials. If a corrosive spills on you, immediately rinse skin under cool running water for 20 minutes and report the incident to the teacher.

Glass Heating & Breakage: Handle breakable equipment (like glassware) carefully. Do not use cracked or damaged glassware. Do not heat empty glassware. Never leave glassware unattended while heating. Place hot glassware on an insulated surface. Report any broken glass to your teacher and throw away broken glass in a special container identified by your teacher. Report ANY injuries to the teacher immediately.

Animal Safety & Welfare: Handle animals in the ways advised by your teacher. Treat them gently and do not overstress them. Follow the directions in the lab and do not touch our class fish tanks.

Dissection Safety: Dissect specimen in a pan (never while holding). Direct the sharp edges away from yourself and others. Do not touch dissecting tool sharp parts to your skin. If you are cut, report it to the teacher. Never taste any parts of a specimen or remove them from the classroom. Only dissect according to the lab's directions.

Hazardous Waste Disposal: Dispose of hazardous materials as advised by your teacher.

Electrical Shock: Disconnect all electrical equipment when not in use. Do not use equipment with frayed cords. Do not put anything (other than a plug) into an electrical outlet. Do not put your feet on the electrical wiring or boxes located under some student desks. Never use electrical equipment near water or other liquid unless advised by teacher to do so.

Lab Area Safety: Never hang on or put all of your weight onto the lab tables or desks. Do not sit on top of desks/tables or swing between two tables.

ROYAL PALM BEACH HIGH SCHOOL SCIENCE SAFETY CONTRACT

I, _____, read and understand the lab safety rules contained in the document “**ROYAL PALM BEACH HIGH SCHOOL MARINE SCIENCE II LABORATORY SAFETY CONTRACT**” and I agree to follow them at all times. Not following these rules will result in a disciplinary consequence. I understand that these rules are meant to:

1. Create the best possible environment for learning
2. Provide for the safety of all students and staff
3. Prevent the destruction of costly laboratory equipment and supplies.

Student Signature _____ Date _____