

Lab Safety Rule #1

Never perform unauthorized experiments or use any equipment or instruments without proper instruction. Follow all instructions given by the instructor including special directions for all individual experiments.

Lab Safety Rule #2

Do not enter the stock/supply rooms. Do not work in the laboratory unless the instructor is present.

Lab Safety Rule #3

Proper eye protection is to be worn when the potential for eye injury exists: spilling or splashing of hot or hazardous chemicals.

All spills must be cleaned up appropriately.
(Inform the instructor of contact lenses.)

Lab Safety Rule #4

Proper clothing is to be worn to protect against burns and/or chemical spill: lab aprons/coats. No open shoes, sleeves below elbows, or dangling jewelry is allowed in the laboratory. Long hair is to be tied back or confined.

Lab Safety Rule #5

Do not eat, or drink, or smoke anything in the lab at any time.
Do not use any lab containers for food or drink.

Lab Safety Rule #6

Consider every chemical dangerous. Avoid inhaling fumes, pipetting by mouth, or tasting, touching, or smelling any chemical unless specifically told to do so by the instructor. If chemicals splash on skin or clothing, rinse immediately with large quantities of water.

Lab Safety Rule #7

Nothing is to be taken from the laboratory unless checked out to you in writing by the instructor.

Lab Safety Rule #8

Never become involved in horseplay or practical jokes.

Lab Safety Rule #9

Never force glass tubing into a cork or stopper.

Lab Safety Rule #10

Never point a test tube toward yourself or anyone else.

Lab Safety Rule #11

Only pins and specimens are allowed in dissecting trays. Instruments not being used are to remain in the kit. Those in use are to be placed on a paper towel beside the tray.

Lab Safety Rule #12

Discard only those liquids or solids in the sink as indicated by the instructor.

Lab Safety Rule #13

Keep all non-laboratory materials other than notebooks away from all stations.

Lab Safety Rule #14

Note the location and be familiar with the operation of any safety equipment.

Prior to lab usage, a test shall be administered requiring 100% mastery.

The instructor must be immediately notified in the event of an accident.

Safety Scenario #1

The teacher was not in the room yet. Jake began weighing chemicals, touching them with his hands. His nose itched, so he rubbed it.

Safety Scenario #2

Heather and Jennifer were absent the day before when the investigation was discussed. They gathered the materials and watched their classmates to see what to do, not taking time to read the directions.

Safety Scenario #3

Sam was heating a test tube. He didn't put on safety goggles since he was wearing glasses. He slanted the tube away from his work area, but toward students on the opposite side of his lab table.

Safety Scenario #4

Cindy broke a test tube. Carefully she picked up pieces with one hand and placed them in her other hand. Then she dumped the glass pieces into the wastebasket.

Safety Scenario #5

The cuff of Sam's long-sleeved shirt sleeve caught fire. He ran to show his teacher.

Safety Scenario #6

Mike and Colleen had a lot of a chemical left from their investigation. They dumped the chemical in the sink and left the water running in the sink as they left class.

Safety Scenario #7

Diana and Mike were going to be late to their next class. After rushing to put away a few materials, they left the rest of the materials on the lab table.

Safety Scenario #8.

Gina didn't pay attention when the teacher explained where safety equipment was found and how it was used. She thought to herself, "I'll never need that."