

Worksheet: Safety Critical Thinking & Application

(Frameworks Code)

In each of the following situations, write *yes* if the proper safety procedures are being followed, and *no* if they are not. Then give a reason for your answer.

1. Gina is thirsty. She rinses a beaker with water, refills it with water, and takes a drink.

No, one should never eat or drink from Lab Equip.
or you should not eat or drink in the lab

2. Bram notices that the electrical cord on his microscope is frayed near the plug. He takes the microscope to his teacher, and asks for permission to use another one.

Yes, Damaged equipment should be reported to
the instructor immediately

3. The printed directions in the lab book tell a student to pour a small amount of hydrochloric acid into a beaker. Jamal puts on safety goggles before pouring the acid into the beaker.

Yes, Safety goggles should be worn at all times
when working in the lab

4. It is rather warm in the laboratory during a late spring day. Anna slips off her shoes and walks barefoot to the sink to clean her glassware.

No, shoes and socks should be worn at all times
in the lab

5. While washing glassware, Mike splashes some water on Evon. To get even, Evon splashes him back.

No, The lab is a place for serious work,
No Horseplay in the lab!

6. During an experiment, Lindsey decides to mix two chemicals that the lab procedure does not say to mix, because she is curious about what will happen.

No, Do not mix chemicals indiscriminately
(or without rhyme or reason)