

Lab Safety Station Activity

Station #1: Lab Directions

1. Review the guidelines for the lab on your safety contract.
2. Suppose you are going to begin a scientific investigation. What should be one of the first things everyone in your group should do?

Lab Station #2: Lab Area Safety



3. Imagine this is your group's lab area. What is wrong here? What might happen if your lab group had such a cluttered lab area?
4. Write a lab safety rule for this station.

Lab Station #3: Lab Dress Code



5. What do you think is the proper clothing to wear when we conduct laboratory investigations?
(include hair, shirts, jewelry, shoes)
6. Write a lab safety rule for this station.

Lab Station #4: Eye Safety



A

7. Which picture accurately shows proper lab safety? Why?
8. Write a rule for this station.

Note the location of the goggles cabinet in our classroom.



B

Lab Station #5: Glassware and Sharp Object Safety

9. What should you do with broken glassware?
10. Should you use the flask above? Why or why not?
11. What special precautions should you take when using sharp items like scalpels (knives) located within the dissection kit?

Lab Station #6: Specimen Safety

12. If we are conducting an investigation using live animals, how should you treat the animal and why?

13. What should you do when you are finished handling the animal (touching and observing a specimen?) Looking for a 2-part answer.

Lab Station #7: Chemicals

14. Take a whiff of the unknown substance. What do you think the substance is?
15. If the substance had been poisonous, what might have happened if you sniffed it?
16. What is the proper way to smell an unknown substance?
17. Write a safety rule for this lab station.

Lab Station #8: Chemicals

18. Taste this unknown substance. What do you think this substance is?
19. If the substance had been poisonous, what might have happened if you tasted it?
20. Write a safety rule for this station.

Lab Station #9: Chemicals

21.If you spill a chemical, what should you do?

22.If you did not use all of the substances given to you for the investigation, what would you do with it?

23.How would you dispose of substances used in the lab?

Lab Station #10: Safety Equipment

24. What is the name of this safety equipment?
25. When would you use it, and for how long?

Note the location of this item in the classroom.



Lab Station #11: Safety Equipment

26. Where is the nearest fire extinguisher?

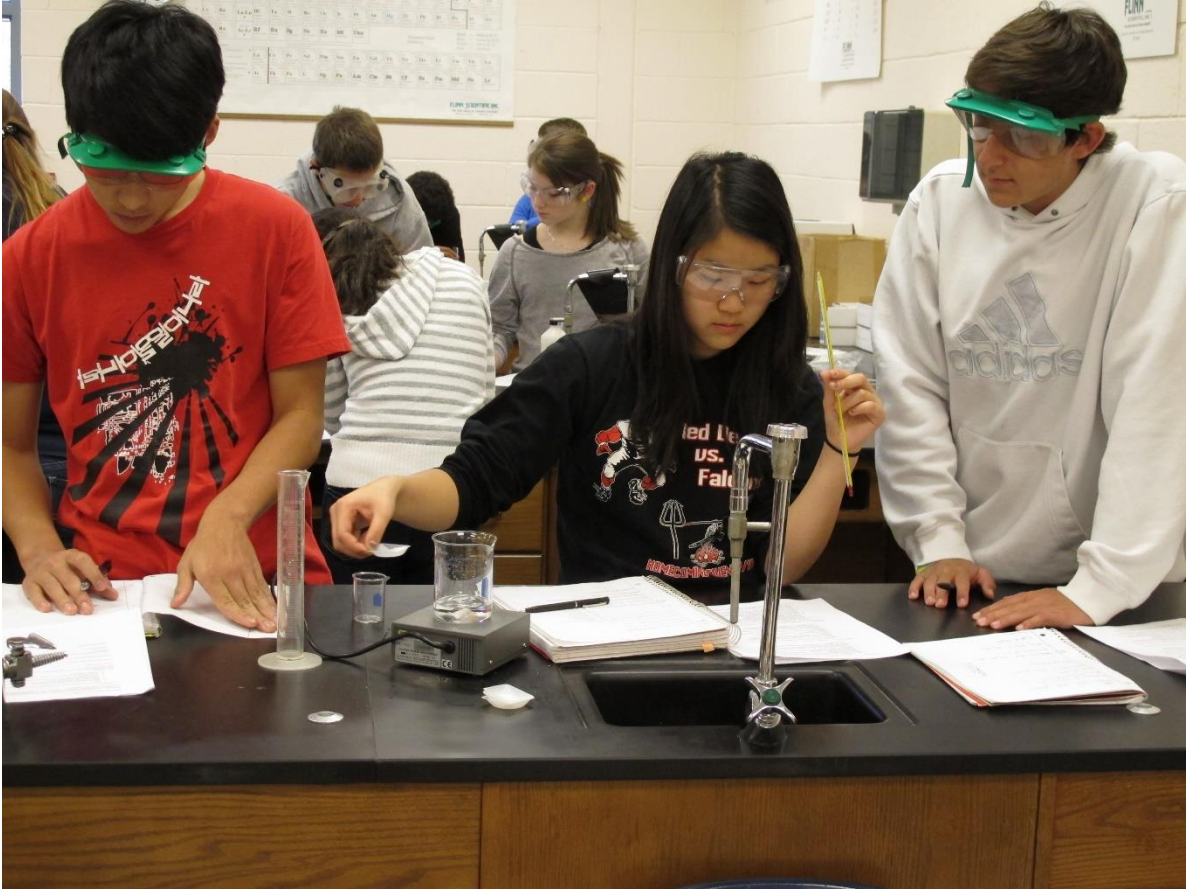
Fire alarm?

Fire blanket?

27. What 3 words do you remember about fire safety if your clothing were to catch on fire?



Lab Station #12: Clean Up



28. Class is about to end.
What should happen
here?

29. Write a lab safety rule
for this situation.

Lab Station #13: General Safety

30. What should you always remember to do before leaving the lab?

Lab Station #14: General Safety

31. What is proper conduct in the lab?