

College Prep Chemistry of the Earth System

Assignment 1D

30 Points

Laboratory Safety

Answer the following questions based on the in class discussion and safety contract

1. Why is it important to read directions to a lab ahead of time, and follow all directions during lab?
2. Why should a person in lab not eat or drink before, during, or after the lab?
3. What are some of the potential dangers of doing unauthorized lab experiments in lab without getting help?
4. Why should you generally always keep your lab area clear during lab activities?
5. Why do you need to know the location of the safety equipment in lab?
6. Why are you required to remain at your lab station during your experiment?
7. What should you do if you get chemicals on your eyes, skin, or clothes?
8. Why should you never touch, taste, or smell any chemicals in lab without permission?
9. How should you hold containers when you are pouring or transfer chemicals between containers?
10. How do you handle cleaning glassware that is broken in lab?
11. What should you do with glassware before using or heating it during lab?
12. Why should you not place hot glassware on a cold tabletop or into cold water?
13. When heating glassware on a hot plate how do you handle the glassware as it is removed from the heat?
14. What is the main danger of using a gas Bunsen burner? How should you turn on, light, and use a burner?
15. Why do we not look directly over a container being heating being by a bunsen burner or hot plate?