**Date: Name:**

**Curricular Competency:** Ensure that safety and ethical guidelines are followed during investigations.

Watch the video “Science Lab Safety” at <https://www.youtube.com/watch?v=5g0hNM91iyg> and complete the following questions.

1. Identify four potential hazards that you could bring into the lab by mistake.
2. Baggy clothes
3. Open-toed shoes
4. Loose hair
5. Scarf/or earrings
6. Identify five types of behavior that could have serious consequences in the lab.
7. Horseplay-goofing-jokes in the lab
8. inattention to hot equipment and/or flames
9. backpacks/stuff in the way
10. eating or drinking in the lab
11. working alone/ahead or skipping steps
12. List three types of personal safety equipment.
13. goggles
14. gloves
15. apron/lab coat
16. What would you do if you get something in your eye during a lab?

Rinse eye out with water/ eye-wash (lid open) for 20 seconds

1. What is the safe way to identify a substance according to its smell

WAFT

1. How should broken glass be cleaned up?

Broom and dust pan to “broken glass” container in prep room.

1. What are the steps to safely light a Bunsen burner?

Check the area for flammables FIRST

Light match

Bring to lower Bunsen burner shaft

Turn gas on

Light Bunsen burner and discard safely of match

Adjust flame to dull roar and blue flame

1. Visit the following website and complete the WHMIS training video. When finished, print out a screenshot of your certificate and attach it to this worksheet.

<https://aixsafety.com/free-whmis-2015-training-and-free-test-and-certification/>

1. What do these four WHMIS symbol mean?

|  |
| --- |
| explosive |
| corrosive |
| Skull and Crossbonestoxic |
| flammable |