Safety in the Science Classroom

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WHMIS

1. What does WHMIS stand for?
2. When you see WHMIS symbols on containers, what should you do?
3. When were these symbols updated?
4. Fill out the following table for WHMIS symbols including one example that you look up:

|  |  |  |  |
| --- | --- | --- | --- |
| Symbol | Descriptor | Meaning | Example |
|  | Compressed gas |  |  |
|  | Flammable |  |  |
|  | Oxidizer |  |  |
|  | Acute toxicity |  |  |
|  | Health hazard |  |  |
|  | Exclamation mark |  |  |
|  | Corrosive |  |  |
|  | Explosive |  |  |
|  | BIohazardous infectious materials |  |  |
|  | Environmental hazard |  |  |

Safety Rules and Procedures

1. General Rules
2. List two things you should inform your teacher about prior to doing lab work.
3. Before starting an activity you have designed, what should you do?
4. Where is the fire extinguisher in our classroom?
5. Where is the eyewash station in our classroom?
6. Before starting an activity or investigation, what must you do?
7. Acting Responsibly
8. What are two example of protective clothing that you can use during labs?
9. How should you manage long hair during labs?
10. Are gum chewing, eating, drinking and tasting unknown chemicals appropriate behaviours in the science classroom? Explain.
11. How many containers/ objects should you carry at one time?
12. You spill something during an investigation. What do you do?
13. Working with sharp objects
14. Describe how to cut safely.
15. You break glass during an investigation. What do you do?
16. Working with electrical equipment
17. What are two considerations when handling electrical cords, plugs and sockets?
18. Working with heat
19. What kind of containers should you use when working with heat?
20. You burn yourself during class time. What do you do?
21. Working with chemicals
22. If any part of your body comes in contact with a substance, what should you do?
23. If you get anything in your eyes, what SHOULDN’T you do? What should you do?
24. Describe how to properly smell a substance.
25. Describe how to properly pour liquids.
26. Designing and building
27. When cutting, joining and shaping objects, how should you use tools?