









Refer to Pg. 513 in textbook.

**Background:**

**WHMIS Safety Symbols**

WHMIS = Workplace Hazardous Material Information System. This system of safety symbols was developed as a standard way to indicate hazards in all workplaces (including our school!). Use pg. 14 in your textbooks to fill in the following table.

| Symbol  | Symbol stands for: | What the symbol means: |
|---|--------------------|------------------------|
|    |                    |                        |
|    |                    |                        |
|    |                    |                        |
|    |                    |                        |
|   |                    |                        |
|  |                    |                        |
|  |                    |                        |
|  |                    |                        |

**Hazardous Household Product Labels**

Hazardous Household Product Labels are used on household products. They tell us what the products risk level is as well as what hazard is present. Use pg. 513 to write what each symbol means:



\_\_\_\_\_

There are three levels of hazard that can be associated with each of the hazards:



**Part 1 – Safety Scavenger Hunt**

Find the following items in the room. Beside each piece of equipment, write a brief description of what each does or when it is used. In the space below, draw a map of the classroom to indicate where each of the items are located.

|                      |  |
|----------------------|--|
| 1. Fire extinguisher |  |
| 2. Safety goggles    |  |
| 3. Eye wash station  |  |

|                              |  |
|------------------------------|--|
| 4. Disposal for broken glass |  |
| 5. First Aid Kit             |  |

**Part 2 – Safety Rules**

Answer the following questions in your lab partners:

- a) Must safety goggles be worn for all chemistry experiments?
- b) Can you take your safety glasses off when you are done your experiment but the people beside you are still working on their experiment?
- c) When can you touch or smell chemicals in a lab?
- d) What should you do if you accidentally splash chemicals into your eyes?
- e) What should you do if you spill a chemical?
- f) What should you do if a beaker breaks?
- g) How should you dispose of chemicals, broken glass or sharp scalpels?
- h) Do you think it is always safe to pour waste chemicals down the sink with lots of water?
- i) What precautions should you take when working with fire?

**Part 3 – Identifying Safety Hazards**

Identify the safety hazards depicted in the following illustration:

**Part 4 - Symbols on household products**

Choose 4 household products from those provided. Copy down the name of the product in the chart below. Record any Hazardous or WHMIS symbols found on the bottles using pg. 14 to help you identify the symbol.

| Product Name | Symbols found on the product |
|--------------|------------------------------|
|              |                              |
|              |                              |
|              |                              |
|              |                              |

**Part 5 – Labelling Products**

Draw one household safety label that you would place on each of the following products:

Hairspray –

Lighter fluid for a barbeque –

Drain cleaner –

