**Hazards and Safety**

It is important to understand the **\_\_\_\_\_\_\_\_** associated with the chemicals we find in a chemical laboratory. Scientists label their chemicals with **\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_** so that we can see from a distance if a chemical is hazardous. We must also make sure we are safe in a laboratory, for example:

* Students should never **\_\_\_\_\_\_\_\_** or **\_\_\_\_\_\_\_\_**  in a laboratory,
* Students should never **\_\_\_\_\_\_\_\_** around in a laboratory,
* Students should pay careful attention to **\_\_\_\_\_\_\_\_**  given to them by a **\_\_\_\_\_\_\_\_**.

The most common hazard symbols include

* **\_\_\_\_\_\_\_\_**; meaning that a chemical catches alight easily,
* Irritant; meaning that a chemical will cause **\_\_\_\_\_\_\_\_** or a **\_\_\_\_\_\_\_\_** on the skin,
* **\_\_\_\_\_\_\_\_**; meaning that a chemical will cause severe chemical burns on the skin or to the lungs,
* **\_\_\_\_\_\_\_\_**; meaning that a chemical will cause a person to become ill if the chemical is ingested (eaten or breathed in),
* Oxidising; meaning that a chemical will produce **\_\_\_\_\_\_\_\_** during chemical reactions,
* Toxic; meaning that a chemical is **\_\_\_\_\_\_\_\_** and could cause a person to die if ingested,
* Harmful to the environment; meaning that a chemical could cause illness or death to **\_\_\_\_\_\_\_\_** and **\_\_\_\_\_\_\_\_** if it was to get out into the **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**.

Pictures of the most common hazard symbols: