

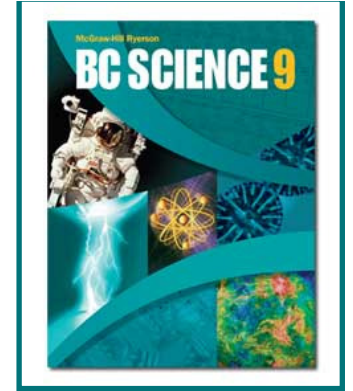
These notes are posted on my site for the following reasons:

- **for students to copy in their own hand-writing**
 - **in order to complete their class notes**
 - **if student did not have enough time in class**
 - **if student was away and missed this section**
- **for assistants and tutors to follow progress of the concepts taught**

Photocopied/printed notes can not be used during the Unit Notebook Check in class.

ndupuis@sd61.bc.ca dupuis.shawbiz.ca

1.1 Safety in the Science Classroom

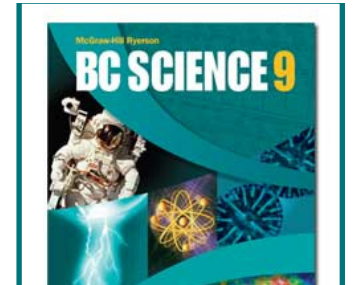


- Make safety your first priority
 - Know the safety rules
 - Follow the safety rules
- Know what to do in an emergency
- Class rules

See pages 8 - 9

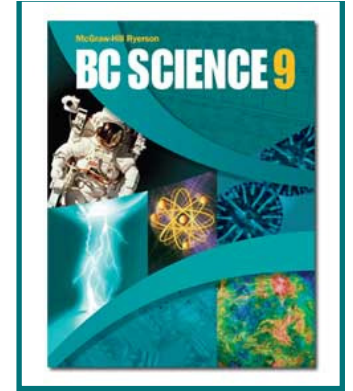
Science Lab Safety

How many unsafe practices can you identify?



See page 9

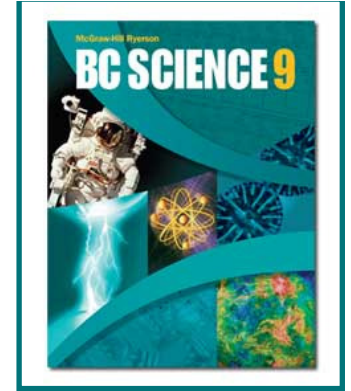
Science Lab Rules



- General
- Glassware
- Chemicals
- Hot Plates
- Open Flames
- Electrical Equipment

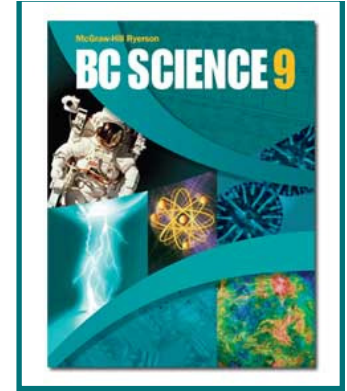
See pages 10 - 11

WHMIS Symbols



- Workplace Hazardous Materials Information System (WHMIS)
 - A method of ensuring everyone has access to appropriate safety information about any substance they may encounter that is manufactured or sold

See page 12

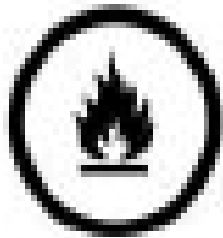


WHMIS Symbols - II

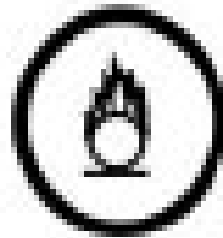
- WHMIS is a system of 8 symbols



Compressed gas



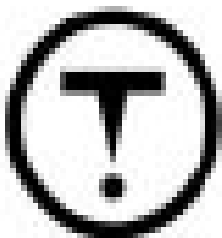
Flammable and combustible material



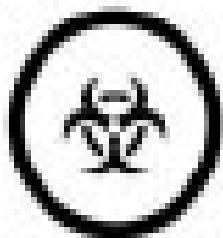
Oxidizing material



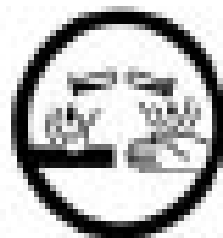
Poisonous and infectious material causing immediate and serious toxic effects



Poisonous material causing other toxic effects



Biohazardous infectious material

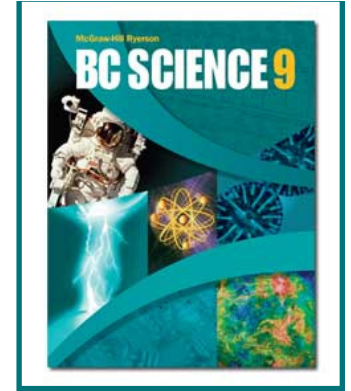


Corrosive material



Dangerously reactive material

See page 12

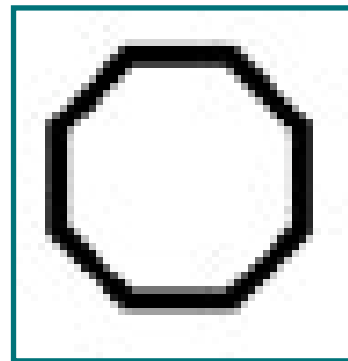
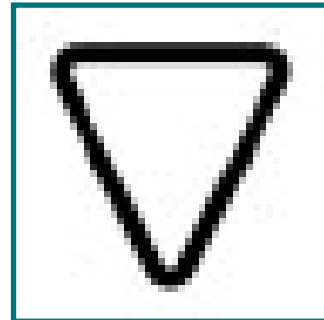


Other Safety Symbols

- Hazard symbols can be found on a variety of commercial products.
- There are two kinds of warnings

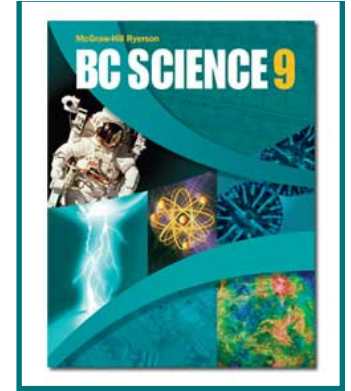
1. Borders

- Dangerous Container
(triangular shape)
- Dangerous Product
(octagon shape)



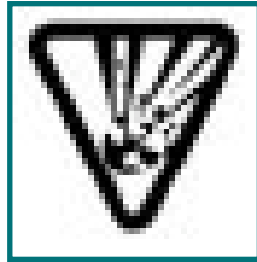
See page 12

Other Safety Symbols II

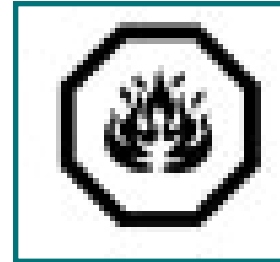


2. Hazards

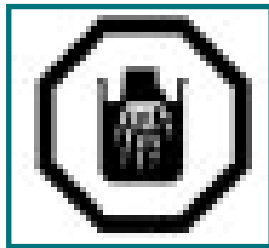
- Explosive



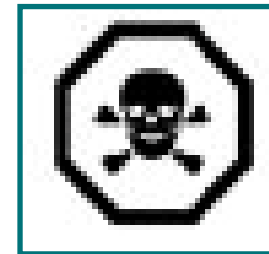
- Flammable



- Corrosive



- Poisonous



[Take the Section 1.1 Quiz](#)

See page 12