









Safety

Safety Symbols

The following safety symbols are used in *BC Science 10* to alert you to possible dangers. Be sure you understand each symbol used in an activity or investigation before you begin.









	Disposal Alert This symbol appears when care must be taken to dispose of materials properly.
	Thermal Safety This symbol appears as a reminder to use caution when handling hot objects.
	Sharp Object Safety This symbol appears when a danger of cuts or punctures caused by the use of sharp objects exists.
	Electrical Safety This symbol appears when care should be taken when using electrical equipment.
	Skin Protection Safety This symbol appears when use of caustic chemicals might irritate the skin or when contact with micro-organisms might transmit infection.
	Clothing Protection Safety A lab apron should be worn when this symbol appears.
	Fire Safety This symbol appears when care should be taken around open flames.
	Eye Safety This symbol appears when a danger to the eyes exists. Safety goggles should be worn when this symbol appears.

Instant Practice—Safety Symbols

Find four of the *BC Science 10* safety symbols in activities or investigations in this textbook. For each symbol, identify the possible dangers in the activity that the symbol refers to.

WHMIS Symbols

Look carefully at the WHMIS (Workplace Hazardous Materials Information System) safety symbols shown here. The WHMIS symbols are used throughout Canada to identify dangerous materials. Make certain you understand what these symbols mean. When you see these symbols on containers, use safety precautions.

	
Compressed Gas	Flammable and Combustible Material
	
Oxidizing Material	Corrosive Material
	
Poisonous and Infectious Material Causing Immediate and Serious Toxic Effects	Poisonous and Infectious Material Causing Other Toxic Effects
	
Biohazardous Infectious Material	Dangerously Reactive Material

Instant Practice—WHMIS Symbols

1. Find any two WHMIS symbols on containers in your school, or ask a parent or guardian to look for WHMIS symbols in a workplace.
2. Record the name of the substance in each container.
3. What dangers are associated with this substance?