
Lesson At A Glance

Length	45 - 60 minutes
Learning Objectives	Students will: <ul style="list-style-type: none">• identify common hazardous materials in the students' school and home environment• describe the emergency response systems in the community
Teaching Strategies	<ul style="list-style-type: none">• catch phrases• cooperative groups• questioning• group presentations
Equipment/Instructional Aids	<ul style="list-style-type: none">• overhead projector and screen• flipchart/whiteboard• visual laminate cards (produce into transparencies)• Student Handouts (photocopy for students in class)
Assessment Strategy	<ul style="list-style-type: none">• brainstorming activity (scenarios)• case studies

Purpose

This module is designed to reinforce the emergency response systems in the community and to identify common hazardous materials.

Learning Objectives

Students will be able to:

- identify common hazardous materials in the students' school and home environment
- describe the emergency response systems in the community

Duration

45 - 60 minutes

Instructional Materials

Student Handouts

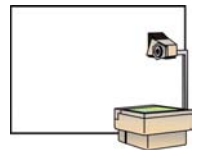
(photocopy for students)

1 - 4. International Hazard Symbols

5 - 9. International Hazard Symbols Worksheets

Equipment

1. Scissors and Glue (for students)
2. White board or flipchart and paper
3. Markers



Note to Teacher

This module is designed to review the emergency response systems in the community and to help students become aware of common hazardous substances.

Students need to be aware of the dangers of hazardous materials and should be able to recognize International Hazard Symbols.

Introduction

Ask

What kinds of common materials and substances could be poisonous, or harmful to your bodies? For example, if you swallow it, touch it, or it gets into your eyes?

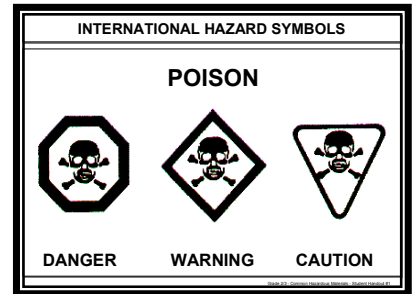
Write responses on board. Responses can include:

- bleach
- paint
- pesticides/fertilizers
- household cleaners
- electrical outlets and appliances
- solids, liquids and gases into other states
- alcohol
- batteries
- acids
- model glue
- furniture polish



International Hazard Symbols - Learning Activity

Distribute Student Handout #1 to 4 - International Hazard Symbols - to Students.



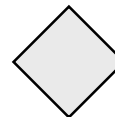
Explain

The border that surrounds each symbol signifies the danger level of the hazard. These symbols appear on common products such as cosmetics (hairspray), pesticides (Raid) and cleaners (oven cleaner).

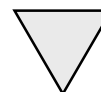
•An **octagon** (same shape as a **stop sign**) indicates “**DANGER**” and represents the most dangerous hazard.



•A four-sided **diamond**, indicates “**WARNING**” and represents a **moderate** or **medium** hazard level. A warning diamond does not pose as extreme a risk as the danger octagon.



•The **upside-down triangle** indicates “**CAUTION**” and represents the **slightest** or **least hazard of the three borders**. This does not make it hazardless! Use these products with caution.



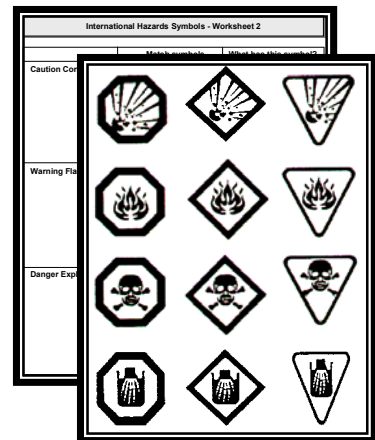
Learning Activity - continued

Comment

You should know these symbols, no matter shape the borders may be. It means the material or substance is dangerous. The rule for containers with these symbols should be: **“Do not touch”, do not taste, do not smell, do not move or use any container with these symbols”**.

Distribute Student Handout #5 to 9 - Student worksheets.

Ask students to cut out the symbols from Student Handout #5 and paste the correct symbol on the worksheets (Student Handout #6 - 9).



Student Handout #5-9

Emergency Procedures

Ask

What do you do in the case of an emergency?

Response

- call a parent or adult
- call 911

Discuss emergency procedures if someone came into contact with a hazardous substances (i.e. flush affected area with water for 15 minutes; call poison control).

For more information on poisonous substances, contact:

BC Drug and Poison Information Centre

Phone No. (604)682-5050 in Lower Mainland

1-800-567-8911 Outside Lower Mainland

If the class or school has specific procedures, they should be reviewed with the students.