

Hazards in the Home Challenge Game



Grade Level: 6- Adult

Time Needed: 45- 60 minutes

Supplies: Overhead projector, HHM challenge questions, props for dares

Location: Classroom

Objective: Students will review the signal words that indicate which household products may be hazardous. We will cover health risks associated with products in the home and proper use/disposal. The students will then play the challenge game to measure their knowledge of hazardous materials in their everyday lives.

Pre-program Activity: Students need to compile a list of at least 10 hazardous products that they found in their home or garage.

Activity I: Ask students which signal words they looked for when compiling their list. Write the list on the board. What types and amounts of products did they have at home? List these as well.

Activity II: Go over the following overheads:

Flammable

Toxic

Corrosive

Reactive/Oxidizer

Is Your Home Hazardous to Your Health?

(List of Products/Potential Hazards/Alternatives/Proper Use & Disposal)

How Chemicals Can Compromise Your Health;

(Breathing, Eating/Drinking, Skin Contact/Skin Puncture)

Safety Guidelines for Using Chemicals

How to Use the Services Offered at the RCC

(Regional Collection Center for Household Hazardous Materials)

Activity III: Play the Household Hazardous Waste Challenge Game

Divide the students into 2 teams. The teams pick a name for their group and pick a team captain. Ask the first team a question. If they answer correctly they get a point. If they are unsure they can dare the other team or choose to take an "enviro-challenge". The enviro-challenges are exercises such as sorting through items in a timed manner to find all the #1 plastic containers or sorting items into those that can go in a compost bin and those that cannot. Continue the game as time allows. We typically get through 12-16 questions. The game is a good review to see who fell asleep during the overheads!