

# Adaptations and Alternative Activities for English Language Learners

## Safer Alternatives

### Lesson 5



Adaptations and alternative classroom activities for English Language Learners (ELL) are provided here for Lesson 5 from *Hazards on the Homefront: A Teacher's Guide to Household Hazardous Waste* for grades 6-12. The referenced ELL slides provide images intended to clarify or amplify the meaning of terms and situations, and correspond to the original slides in the guide. If you do not have a copy of the guide, you can download it at [www.ecy.wa.gov/hazardsonthehomefront/guide.html](http://www.ecy.wa.gov/hazardsonthehomefront/guide.html).

This lesson provides a visual alternative to the first step in Investigation 5A –Safer Consumer Choices. Depending on the reading ability of your students, this activity can be followed by playing Toxic-Free Bingo.

1. Show students safer alternative products. First hold up the hazardous product, then show the safer alternative students could choose to use instead.
2. Show students ELL slides 5.1A-5.1E, images of where products are used around the home and ask them to use product labels to determine what products would be hazardous to use and what products are safest for the cleaning job described on each slide. Answers could include
  - *Clogged drains*: Lye Drain Opener (danger), Liquid Plumber (danger), Baking soda and vinegar with boiling water (safer), plumber's snake (safer), plunger (safer)
  - *Laundry*: Clorox bleach (danger), K2R Spot-lifter (danger), Oxiclean (caution), Spray and Wash spot remover (caution), club soda (safer)
  - *Wood surfaces*: Pine Sol (warning), Murphy's Oil soap (safer), vinegar (safer)
  - *All-purpose*: ammonia (caution or danger depending on concentration), Lysol disinfectant spray (caution), vinegar (safer)

#### Materials

- Empty hazardous product containers and corresponding safer alternatives or Product Photographs PDF images
- ELL slides 5.1A-5.1E
- Optional: Green cleaning recipe cards in English, Cambodian, Chinese, Spanish, or Vietnamese.

#### Resources in Other Languages

- Healthy Home Tips – Print copies available in Amharic, Cambodian, Chinese, Korean, Oromo, Russian, Somali, Spanish, Tagalog, Tigrinya and Vietnamese. Contact 206-263-8899.
- Shopper's Tips for Buying Fruits & Vegetables – Print copies available in Amharic, Cambodian, Chinese, Korean, Oromo, Russian, Somali, Spanish, Tagalog, Thai, Tigrinya and Vietnamese. Contact 206-263-8899.
- What Do I Do with Unwanted Household Hazardous Products? Where Do I Bring My Hazardous Products? – Print copies available in Amharic, Cambodian, Chinese, Korean, Oromo, Russian, Somali, Spanish, Tagalog, Thai, Tigrinya and Vietnamese. Contact 206-263-8899.
- Green Cleaning Recipes – Available to download in Cambodian, Chinese, English, Spanish, and Vietnamese from [www.seattle.gov/util/Services/Garbage/KeepSeattleClean/GreenCleaning/Green\\_Cleaning\\_Recipes/index.asp](http://www.seattle.gov/util/Services/Garbage/KeepSeattleClean/GreenCleaning/Green_Cleaning_Recipes/index.asp)

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- *Bathroom:* Tilex (warning), Soft Scrub (caution), Comet (caution), Bon Ami (caution), Baking soda (safer), vinegar (safer)
  - *Oven:* Dow Oven Cleaner (danger), Comet (caution), Bon Ami (caution), baking soda (safer)
  - Find additional suggestions of safer alternatives on page 81 of the guide.
3. Use the discussion questions on page 76 of the guide as appropriate. Additional discussion questions include
- On ELL Slide 5.1E, we looked for products to clean the bathroom and oven. Do we need to have multiple products for different areas of our home? What is the benefit of using safer multi-purpose products?
4. Review green cleaning recipes.

### Extension

Test green cleaning recipes in the classroom or use Investigation 5B: Putting Products to the Test.

# Clogged Drains



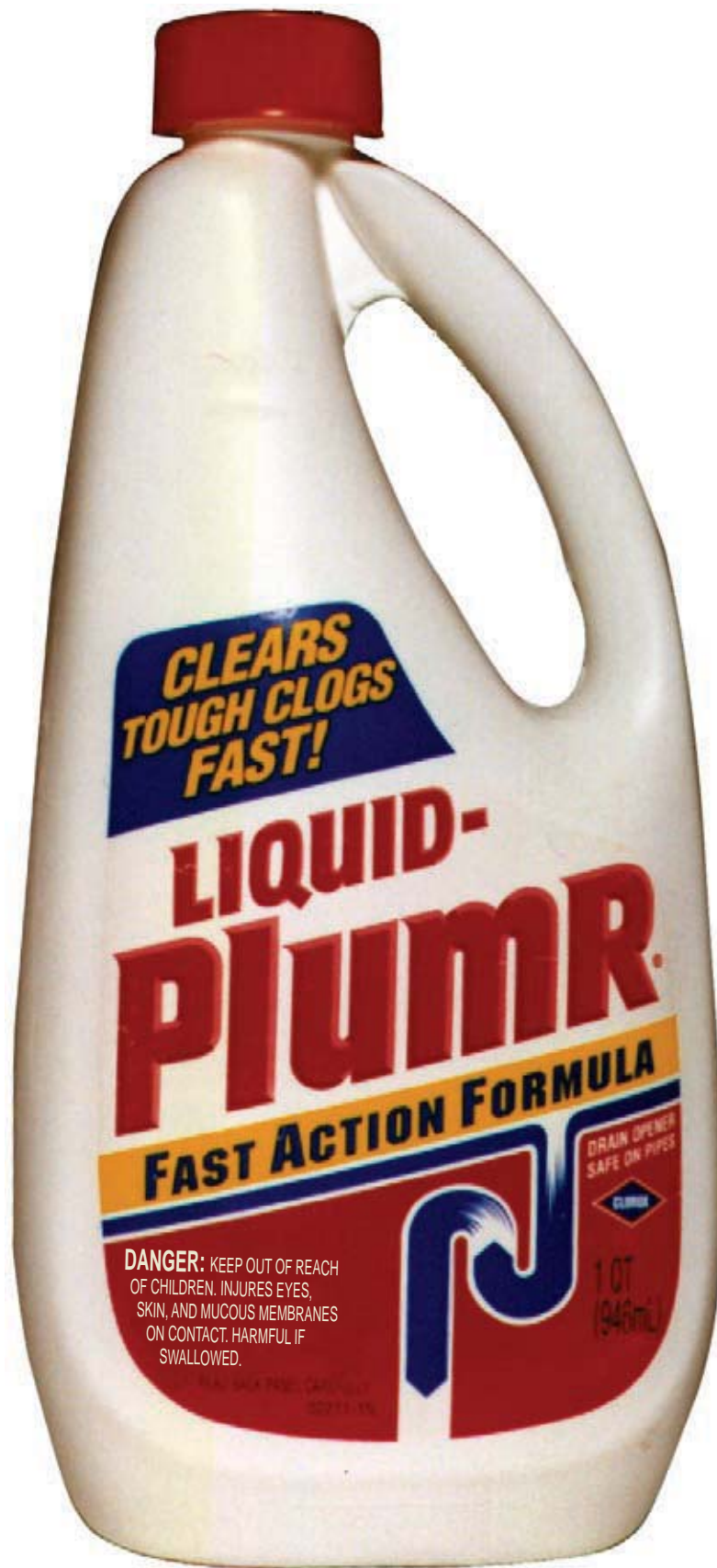
Clogged sink, tub or toilet

ELL Slide 5.1 A



## CLOGGED DRAINS





## CLOGGED DRAINS



## CLOGGED DRAINS



## CLOGGED DRAINS





## CLOGGED DRAINS





## **CLOGGED DRAINS**

# Laundry



**Washing machine**



**Laundromat**

ELL Slide 5.1B



## LAUNDRY



## LAUNDRY





## LAUNDRY



## LAUNDRY



# LAUNDRY



# Wood Surfaces



**Wood cabinets**







## WOOD SURFACES



## WOOD SURFACES



## WOOD SURFACES



# All Purpose



**Floor's**



**Countertops**



**Mirrors**



**Tables**



**Bathhtub, shower, sink, toilet**

ELL Slide 5.1D





**ALL PURPOSE**



**ALL PURPOSE**



**ALL PURPOSE**

# Bathroom and Oven



Bathtub, shower, sink, toilet      Oven

ELL Slide 5.1E





## BATHROOM



## BATHROOM AND OVEN



## BATHROOM AND OVEN



## BATHROOM AND OVEN





## BATHROOM AND OVEN



**BATHROOM AND OVEN**



**OVEN**