



TAKE CARE OF TEXAS: EDUCATOR MATERIALS

# WORKSHEET

# Household Hazardous Waste Identification

Name: \_\_\_\_\_ Date: \_\_\_\_\_

## Questions

**Instructions:** Answer the following questions in 3-5 sentences about household hazardous waste (HHW), the three R's principles, and alternatives.

1. Define household hazardous waste. How can you identify a household hazardous product?
  
  
  
  
  
  
  
  
  
  
2. Based on what you've learned, provide some examples of common HHW products that you might find around your home.
  
  
  
  
  
  
  
  
  
  
3. How can you use the 3 R's principles to minimize the impact of household hazardous waste on the environment?

4. What are the health and environmental impacts of hazardous materials and chemicals when they are disposed of in the trash? If the 3 R's principles cannot be used, who should you contact to properly dispose of these materials?

## Activity:

**Instructions:** Many HHW items can be substituted with a safer, less hazardous alternative. Create three safer alternative recipes for the common household products listed in the table using index cards. On the blank side of the index card, draw a picture of the product and label. On the other side of the card, list the ingredients and steps to create the recipe.

Product	Ingredients	Directions
All-purpose Cleaner (Makes ~8 oz.)	<ul style="list-style-type: none"> <li>• 1 cup vinegar</li> <li>• 1 tablespoon baking soda</li> <li>• Optional: Essential oil for scent</li> </ul>	<ul style="list-style-type: none"> <li>• Mix all ingredients together in a bowl.</li> <li>• Pour into spray bottle.</li> <li>• Clean away!</li> </ul>
Glass Cleaner (Makes ~8 oz.)	<ul style="list-style-type: none"> <li>• 1 tablespoon of vinegar or lemon juice</li> <li>• 1 cup of water</li> </ul>	<ul style="list-style-type: none"> <li>• Mix all ingredients together in a bowl.</li> <li>• Pour into spray bottle.</li> <li>• Clean away!</li> </ul>
Furniture Polish (Makes ~8 oz.)	<ul style="list-style-type: none"> <li>• 2 teaspoon lemon juice</li> <li>• 1 cup vegetable oil</li> </ul>	<ul style="list-style-type: none"> <li>• Mix all ingredients together in a bowl.</li> <li>• Pour into spray bottle.</li> <li>• Clean away!</li> </ul>