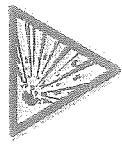


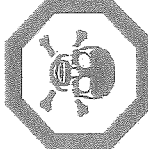


Name: _____
 Date: _____

Topic 2.1: How to Identify Hazardous Household Products

Task #1: Complete the chart below. Find items at your house that display the symbols below. You may not be able to find something for each symbol.

Symbol	Meaning	Household item	What can happen under what conditions?	Safety precautions needed
	Explosive container			
	Corrosive product			
	Flammable Product			
	Poisonous Symbol			

Task #2: Analysis of ingredients. In the following space, choose a product from Task #1. Identify 1 of the chemicals found in one of the household items. Research the properties of this chemicals. Research the properties of this chemicals. Why is it used in this product? What are the potential negative effects?

Household product name:

Name	Why is this chemical used? What is the purpose?	What are the potential negative effects?
Chemical #1:		

Task #3: Analysis of personal grooming product ingredients. In the following space, choose a personal grooming product (shampoo, face cream, deodorant, mascara, etc). Identify 1 of the chemicals found in this product. Research the properties of this chemicals. Why is it used in this product? What are the potential negative effects?

Personal grooming product name:

name	Why is this chemical used? What is the purpose?	What are the potential negative effects?
Chemical name:		

Task #4: Evaluating the evidence and making connections. In the following spaces, you will discuss the apparent benefits versus the potential negative effects and look at whether there are possible alternatives that eliminate the potential negative effects while still maintaining its intended purpose?

Product Name:

Chemical Name:

Based on your research, discuss whether you feel the benefits of this chemical outweigh the potential harmful effects.

What chemical or product could have the same benefit without the same potential harmful effects?

#workingnit

#gettingthere

#gotit

#rockinit

Use scientific understanding to identify relationships and draw conclusion (SCI)

Communicate ideas, findings and solutions to problems using scientific language (SCI)

Think critically, creatively and reflectively to explore ideas within between and beyond texts (LA)