

Indoor Air Pollution Scavenger Hunt

As you already know, indoor air pollution poses a greater threat than outdoor air pollution because it is harder to escape. People trapped inside day after day in offices or homes keep breathing the same pollutants, plus many of the modern chemicals and materials we use can be toxic. Many air exchange systems, especially in workplaces, may not be sufficient in removing toxins.

Here is your assignment:

1. Read section Chapter 15 in your text book.
 2. View the PowerPoint on *Indoor Air Pollution posted online with Assignment*.
 3. Since you are confined to your home, this is the perfect opportunity to investigate possible sources of indoor air pollution you are exposed to. You will do a **scavenger hunt**, locating at least **6** different sources of indoor air pollution in your own home. You have two options:
 - You can create a movie narrated by you that tours your house. You must include a visual of the source, and discuss the toxic chemical that you are exposed to, the human health impacts of that chemical or source, and alternatives or ways to remediate these toxic exposures.
- OR**
- A PowerPoint/Google Slide that I can view, including a picture of the source in your home, discuss the toxic chemical, the human health impacts of that source or chemical, and alternatives or ways to remediate these toxic exposures.

You may need to do some research to give quality, detailed, information. Be as specific and thorough as possible.

This will count as a lab grade.

Source	Chemical	Impact	Remediation or Alternative

EXAMPLE:

Woodstove (Incomplete combustion of wood)	Carbon Monoxide	Dizziness, heart attack, asthma, asphyxiation and death	Gas stove instead of wood, catalytic converter on woodstove, better ventilation in house
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Use this table to organize your movie/PowerPoint. I will grade you on each of these categories, plus your creativity.

Have fun with this project!