

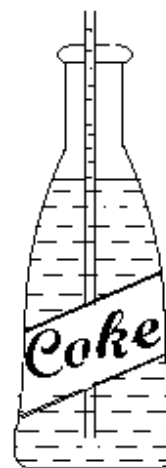
Holiday Homework-G7-Chemistry

Make a PowerPoint presentation on ‘**Chemistry in Every Day Life and Its Effect on Environment**’. Choose minimum of 20 chemical you use in your daily life. Investigate what they are made up of (including whether they are acidic, basic or neutral in nature) and what is the impact of them on human being and other animals when released in the environment.

- A suitable Title: may be ‘Chemistry in your toilet box’
- List the chemical (if possible use their brand names and find out what they are made up of or what is their chemical composition)
- What is the nature of the chemical (is it acidic/basic or neutral). Research what is the effect of that chemical on environment and various types of animals in the habitat. If any toxic effect has been found or known.
- Your suggestion on how to stop using those chemical or on how substituted chemical can replace them which is not has adverse effect on the environment.

The following is an example of a chemical you may consider for your research work; Carbonic acid is the main ingredient in all the carbonated drinks like coke, Pepsi, Fanta or Thumps up. Some facts about these drinks are listed below:

- Apply two to three spoon of any carbonated drink in your toilet and brush it properly with your toilet cleaning brush. Flush the toilet after an hour or so and see it is appearing sparkling clean. What an amazing fact. Instead of cleaning our toilets we are cleaning our stomach every time we drink it.
- In some districts in Andhra Pradesh the cotton farmers started spraying some carbonated drink in their cotton plantation in stead of pesticides and the result was amazing. It worked better than the pesticides with better products. Some years back some of the popular carbonated drinks were tested high in pesticide. It’s a subject of research how safe are these drinks for the children of your age.
- Research showed that almost every carbonated drink in India has almost 12-16 spoon of sugar, which gives high calorie. And at one incidence in Delhi, a student died immediately after he consumed some 3-4 liters of carbonated drink in an competition held by the college.
- Many of the lipsticks used by females are found has lead in high amount which is harmful to human body. Most perfume or body spray use CFC, which is bad for environment. Find similar substances which you use everyday and found how safe they are for you and for your environment using a power-point presentation.



Note: This project will be evaluated in the first assessment next semester in the coming academic session at Grade 8