



Loreto Convent Intermediate College

Lucknow

HOLIDAY HOMEWORK 2025 CLASS 8-CHEMISTRY

1. Kindly learn and revise the lessons taught.
2. Solve the questions given on page number 146 and 147 in your fair registers.
3. Prepare a project based on the following topic using punch sheets: **Carbon Dioxide - Friend or Foe?**

Objective: To investigate and understand the beneficial and harmful aspects of carbon dioxide, its sources, uses, and effects on the environment.

Project Guidelines:

Introduction:

1. Begin by introducing carbon dioxide as a vital gas in our atmosphere.
2. Briefly mention its natural occurrence and human-related sources.

Main Body:

3. Exploring the "Friend" Aspect (Investigate the beneficial roles of carbon dioxide Eg. photosynthesis, greenhouse effect, industrial uses etc.
4. Exploring the "Foe" Aspect (Investigate the harmful effects of excess Carbon dioxide Eg. Enhanced Greenhouse Effect and Global Warming, Ocean Acidification)

Conclusion:

1. Based on your research, summarize the dual nature of carbon dioxide.
2. Clearly state your opinion on whether carbon dioxide is primarily a "friend" or a "foe," justifying your stance with evidence from your project.
3. Discuss the importance of managing carbon dioxide emissions and suggest ways individuals and communities can help reduce their carbon footprint.

Presentation:

- * Organize your project work logically with clear headings and subheadings.
- * Use diagrams, pictures, and charts to make your presentation visually appealing and informative.
- * Cite any sources of information you have used (books, websites, etc.).
- * Original Work: This project should be your own original work. You can take help from books and websites, but the analysis and conclusion should be in your own words.
- * Remember to explore both sides of the argument and present a balanced perspective before forming your conclusion.

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