

Club project spotlights :Project Name: Air Purifying Chimney

Theme: Air Pollution Control

Made using pipes, filter chamber, and activated carbon filter.

Demonstrates how polluted air can be cleaned before release into the atmosphere.

Focuses on environmental protection and cleaner air.



This project helped us understand the importance of air purification."

"We learned how filters can reduce harmful pollutants."

Student Voices : "Making the model improved our creativity and teamwork."

"It was exciting to create a working environmental science model."



Project Goals:

- To spread awareness about air pollution.
- To show a simple method of air purification.
- To understand the working of activated carbon filters.

Process/ Steps:

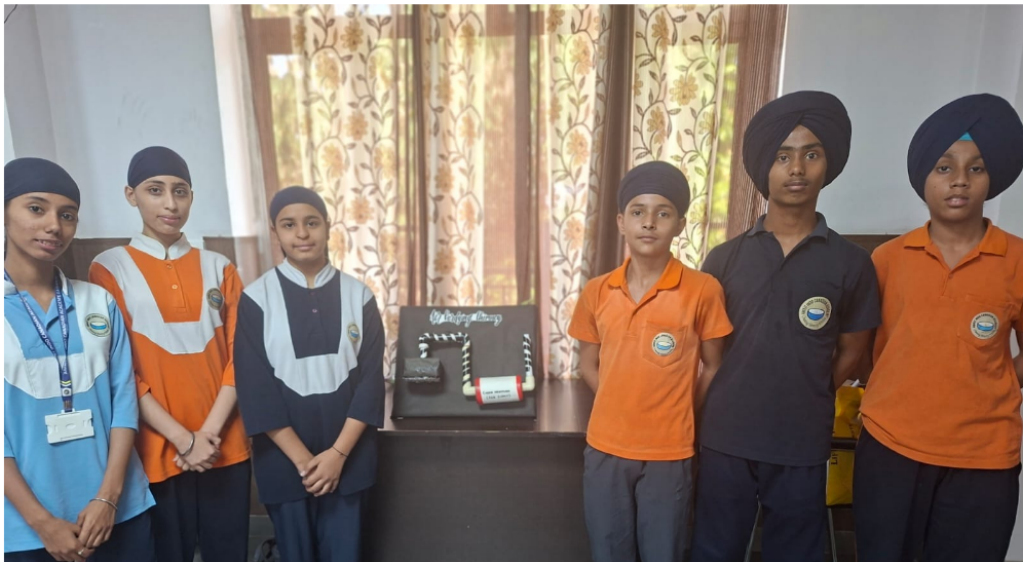
- Collected materials like pipes, cardboard, tape, and filter chamber.
- Designed the chimney structure.
- Attached the pipe system carefully.
- Added the activated carbon absorption filter.
- Decorated and labeled the model
- Tested the airflow and purification concept.

Skills Learned :

- Creativity and model designing.
- Teamwork and communication.
- Problem-solving skills.
- Basic knowledge of air filtration systems.
- Awareness about environmental protection.

Challenges and solutions :

- Challenge: Difficulty in fixing pipes properly.
- Solution: Used strong tape and glue for support.
- Challenge: Understanding the filter mechanism.
- Solution: Researched about activated carbon filters and their uses..



Meet the Team :



Manyaveer Kaur
XII A



Isharjot Singh
X E



Harsimrat Kaur
IX G



Jaisika
IX G



Gurhsaan Singh
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