

Project Based Learning (PBL)

Sanah Batta

What is Project Based Learning (PBL)?

- PBL is a teaching method in which students gain knowledge and skills by working for an extended period of time to investigate and respond to an **authentic, engaging, and complex question, problem, or challenge**. Students demonstrate their knowledge and skills by developing a **public product** or presentation for a **real audience**.
- As a result, students develop deep content knowledge as well as success skills such as critical thinking, collaboration, creativity, and communication skills in the context of doing an authentic, meaningful project. PBL unleashes a contagious, creative energy among students and teachers.

Dream Earth – Project profile

- Students of class 5 at Bloom Public School created a book as a culminating project for a month long expedition on the earth.
- During the expedition, the students collected data on the various causes of pollution in the environment.
- The following slides will show you the various activities the students undertook to understand the causes of pollution in the environment, the effect and the solutions to overcome the problems.

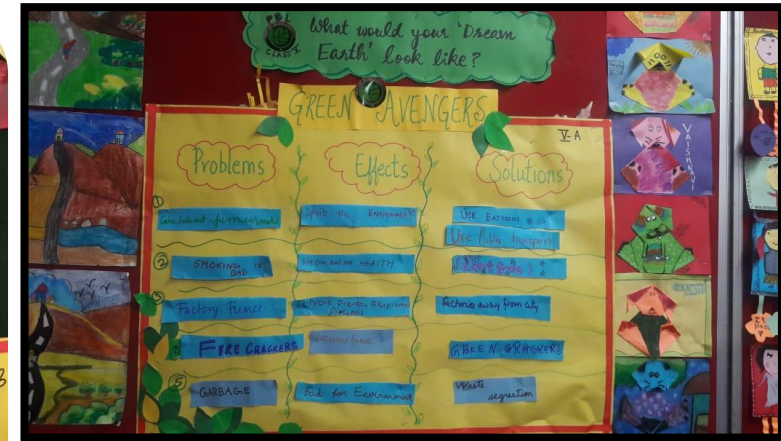
Observation Week

The students were shown various pictures and videos as an entry event into the project to expose them to various pollutants prevalent in the environment



Problem, effect & solution boards

The students identified the causes of pollution, the effect of the pollutants and the solution to overcome the problems



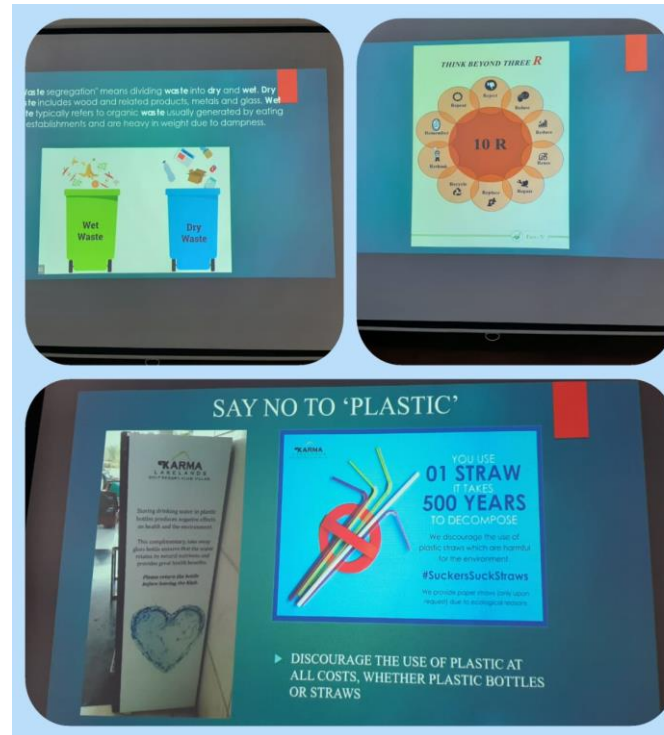
Take home survey

The senior council members explained the take home survey in English and Hindi



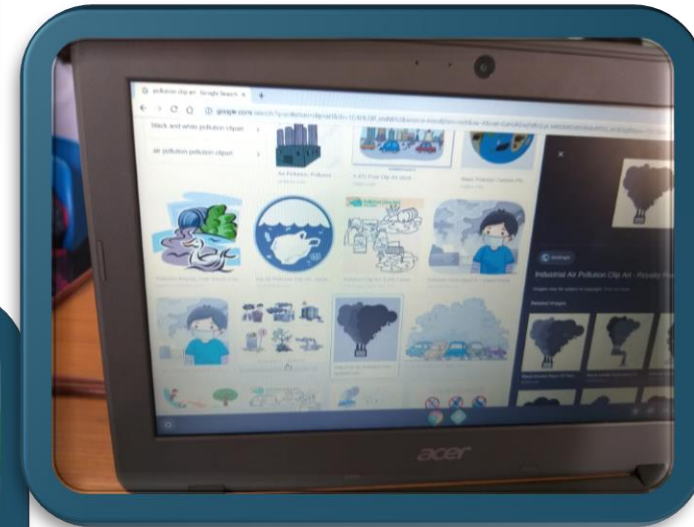
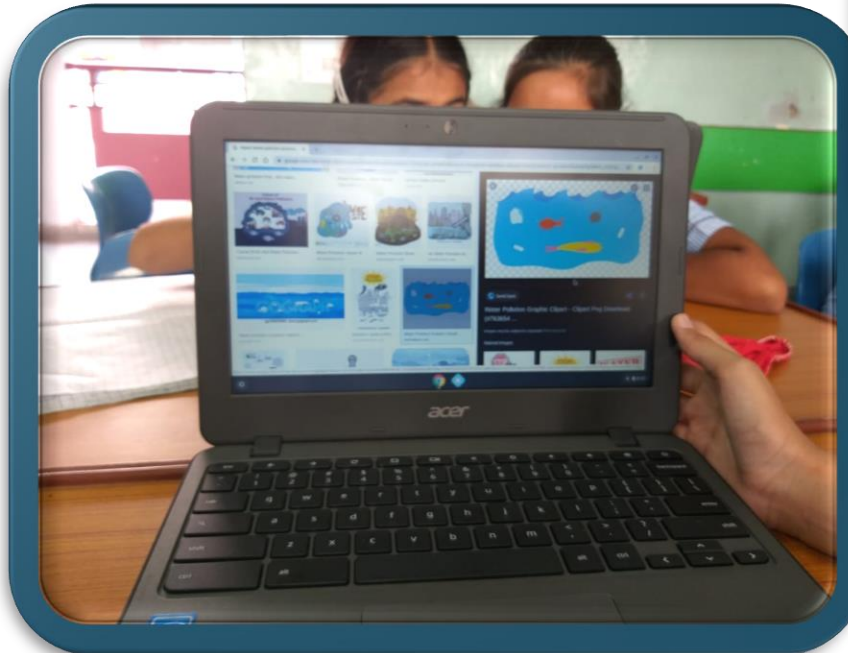
Expert talk

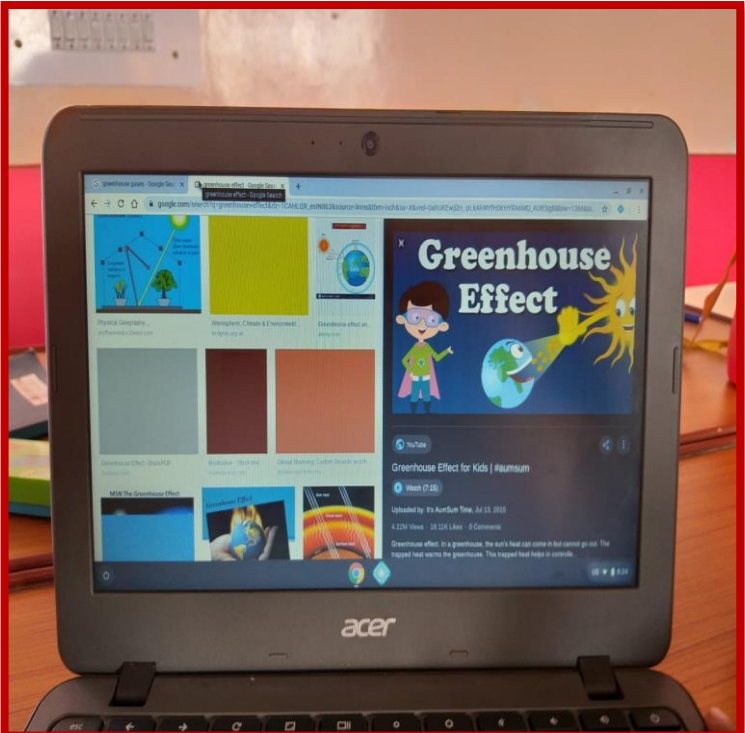
The students were taught how to make eco-bricks from waste plastic



Research on google chrome books

For one week, the students researched on various topics such as air, land and water pollution. Research leads to deeper understanding and greater retention of content knowledge.





Plantation drive



Presentation of work

The students presented their work to class 6, 7 and 8



Vrikshabandhan



Paper bags



Segregation of waste



Dream Earth – A book created by Class 5

Each child designed one page in the their book – “Dream Earth”. Based on their research, they listed down the problem caused by a particular pollutant, its effect and the solution to the problem.

