

Carbon Foot

Name of School: Alpine Public School

Name of exercise: Carbon Footprint

No. of Students Engaged: 32

Name of Teacher: Sonali Bhattacharyya

Email Id: sonali@alpinepublicschool.com

Date of completion: Sep 2015

No of people inspired by students: 1000

1. How did you conduct this exercise? Discuss what all was done.

Various activities were done to conduct this exercise:

a. Discussion:

- Daily activities & life styles, its impact on the environment. E.g. Dependency on trees & non-renewable resources, Pollution, global warming, greenhouse effect, etc.
- Meaning of Carbon Footprint
- Calculation of individual Carbon Footprint using Online Calculators
- Discussion: What changes could be brought in the life styles to reduce carbon footprints?
- Use of internet to reiterate the above.

b. Discussion about carbon footprint with their family & viewing videos online.

c. Calculation of their household's carbon footprints including that of their family members. Use of locally available food & other products to reduce carbon footprint.

d. Preparation of charts on Carbon footprint. Discussion with their friends & neighbours about their activities & its effect on the environment and getting the charts signed by everyone with whom they interacted.

e. Educating students of other standards about the impact of their daily activities on the environment.

2. What was the impact from the exercise?

All the children involved have become more conscious about their activities at home & school. They are aware about their carbon footprint with regard to the things they buy, eat or use. Their initiative has also made people living in the vicinity of their homes also more conscious about activities having an impact on the environment & how their small steps can help in reducing this impact.

As part of reducing Carbon foot print our children painted the roof white.

Pictures of the activity are uploaded on Facebook

https://www.facebook.com/kiran.hanchanahal/media_set?set=a.953829067986666.1073741829.100000787446839&type=3

The concept of recycling is put on all school buses and distributed to all teachers promoting the message for Reduce/Refuse/Recycle/Reuse There was considerable decrease in the electricity bill of three months. Bills were attached with Turn OFF Save on activity. As there was a space constraint we planted some sapling in the hanging pots

Children shared their experience with us after the completion of this activity:

- As part of environmental club composting of wet waste is done at school
- We had made twenty cloth bags out of the old curtain clothes
- We segregate the waste into different bins in the school
- All kinds of used books clothes and stationary were distributed to the people in need
- During the Diwali season many children from class five to ten did not burst out crackers. This shows lot of change in the attitude of many families being environment friendly.
- Many class five students have recycled bottles to grow plants
- More than 2000 signatures have been signed by parents pledging to save Environment and reduce the carbon foot print