

Design for the Environment

Name of the School: Alpine Public School
Mobile Number: 9663382415
Name of Exercise: Design for Environment
Number of Students Engaged: 300

Name of Teacher: Kiran Hanchanahal
Email Address: kiranHanchanahal@alpinepublicschool.com>
Date of Completion: Sep 2015
No. of people inspired by students: 1000

How did you conduct this activity? Discuss what all was done (in 500 words or less)

First we spoke of what is design and then taking the journey of the environment around us and the need to protect, save, and respect our environment where we are living..

As part of this whole activity kids have become very sensitive about environment and the more we progress we were using the concept of all the Four R'S. The concept of cleaner environment and better understanding of the resources and using them wisely is always of at most importance. We started with the scientific approach in creating a new project and whole set of statistics were presented as what are the available resources and how long would these resources last by taking into account the current rate of consumption. Children were told that the way we are consuming the natural resources we would require one and half earth to feed the growing population.

The need of the hour is for the children to understand buy the things which are more eco friendly from the making till the disposal. A small video was shown to the children presenting how the natural resources are getting exploited and destroyed. As a case study we took Scotland as a country where they are planning to make all their energy requirements to be met by renewable sources of energy by 2020.

The role of renewable sources of energy for meeting the energy requirements was the key of all the mentioned gadgets which are used in our daily lives.

The definition of sustainability and eco-friendly products was introduced to children. These two terms were of extreme importance in our lives and that we would be responsible for our action.

What was the impact from the exercise?

The concept was presented to the classes of 5 to 8.

The impact from the exercise was good. There was a sense of responsibility and the children started looking all around and thinking where can be eco friendly solutions be implemented.

Class five girls thought of cutting the plastic bottles and using them for growing plants.

There are children who send pictures of they using the plastic container for storing food item at home and not buying more plastic.

- One of the student of class 6 had a design of a watch which would be using solar energy to charge the phone and made of recycled plastic
- A girl from six showed how Tetra packs can be used for growing indoor plants
- A lot of creative ideas poured where plastic was cut into small pieces and a pink pillow was made and a jewelry box out of the cookie box (Best out of waste)
- A technological idea came in from a boy of eighth standard. He made a safety watch for deaf to walk
- A mobile charged by the energy generated while pedaling the cycle.
- A girl made a decorative light made out of a plastic bottle which could be used for many decorative purpose

There is major impact in the minds of children where they promise to use natural resources wisely and design products which will be of great help for the future. Many children shared the real life story where their friends' homes are lit by solar energy and composting of garbage is done at home. No waste goes out of home. Stories like this have great impact on kids and children pledge to care for mother Earth. The design of the safety watch designed for deaf done by class eight is attached with this file.