

# Bio Mimicry

**Name of the School:** Alpine Public School

**Mobile Number:** 9663382415

**Name of Exercise:** Bio Mimicry

**Number of Students Engaged:** 70

**Name of Teacher:** Kiran.Hanchanahal

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**Date of Completion:** Sep 2015

**No. of people inspired by students:** 1000

## **How did you conduct this exercise? Discuss what all was done? (In 500 words or less)**

By the time we reached to do this activity our children were well familiar and how nature is around us. The term Bio mimicry was introduced to children and I presented example of how lotus flower repels dirt and dust particles when water rolls over the leaf. We discussed about how humans have picked up ideas from nature to improve his life better. This discussion was followed by understanding of nature and then studying how nature deals with waste. This approach leads us to discuss how can we deal with the waste we generate around us.

We had presented a movie showing how natural resources are getting destroyed by human behavior.

The most moving part of the showing the movie on the screen was that one girl broke down into tears to find mother Earth destroyed by human beings.

## **What was the impact from the exercise? Please quantify wherever possible (in 500 words or less)**

We had started this exercise after completing the activity Valuing Biodiversity. Students went home started looking for more information on Bio mimicry. They accessed Internet and made a PowerPoint presentation on Bio Mimicry.

Our class five students visited the following websites at home to gather up more information and presented a play in the class.

<http://biomimicry.org/biomimicry-examples/#.VnwUXBV97IU>

[http://www.asknature.org/article/view/why\\_asknature](http://www.asknature.org/article/view/why_asknature)

To deal with the waste generated by humans our children visited the following website:

<http://www.engineeringforchange.org/10-ways-to-put-human-waste-to-use/>

<http://www.agrowingculture.org/about-2/>

Two brothers from class 7 presented a working model of Industrial Symbiosis at the second Microsoft workshop. The presentation was appreciated by all at the workshop.

Copy of the project is attached with this report.

Two Class 6 students made a water purification model where dirty water could be purified.

The outcome of this project is tremendous. Many children are very careful in using natural resources. They go back home and advocate and suggest parents to:

- Use washed vegetables water for gardening
- Use of recycled water in flushing toilets
- Saving paper and consuming wisely
- Segregate waste at home and at school
- Harvest rain water

A small skit was presented by the children of class 5 on Bio Mimicry. They made the message loud and clear “The goal of life should be living in agreement with nature”.