

# Innovation lab

**DATE:** OCTOBER 28 ,2016

**TEAM MEMBERS :**

KAUSHIK, LAKSHIT, BANU, RISHIKESH, GLEN, NARESH, ERIC, KARL, ARAV, CHETAN, KEVIN, ROHAN, VIDITH, ANTONY, DAYYAN, VISHNU.

**STD/SECTION/HOUSE:** 7 "C" ANDREWS HOUSE

**CLASS TEACHER/HOUSE LEADER:** ODELLA JOHN KAUSHIK – HOUSE LEADER

**OBA MENTOR:** ANDREA BRITO

**TITLE:** GARBAGE

## SOCIAL PROBLEM – GARBAGE

### GARBAGE

Garbage is an unwanted or undesired material or substance discarded by residents. The term is often used interchangeably with municipal solid waste. Garbage may also refer to litter, improperly disposed waste products.

### WHAT IS CONTAINS

Our trash is made up of the things we commonly use and then throw away. These materials include items such as packaging, food scraps, grass clippings, sofas, computers, tires, and refrigerators. Waste is broken down into categories to analyze, but to also target for recycling. The largest portion of the waste stream is Container and Packaging 30%, which are things like soda bottles, bags and boxes. Organic Waste, like leaves, grass, branches and food scraps is about 29% of what we throw away at home. Non-Durable Goods, such as paper plates, napkins and diapers amount to 21% and Durable Goods, like computers, couches and appliances account for 20%.

### CAUSES

The two main causes of garbage pollution are a lack of a proper garbage collection system in the area and the presence of an improper disposal mechanism. In most cities, garbage is collected by a civic agency or contractor and disposed of properly.

**Garbage is very easily identified**

*. The people are responsible for garbage issue.*

## **GARBAGE ISSUE**

In most of the world, including India we do one of two things with our ordinary garbage: burn it or bury it. Neither one is good for us or for the environment. Burning garbage in incinerators releases dangerous gases and dust which contribute to global warming and pollute lakes, forests, oceans and cities half a world away from where they originated. But the bulk of what they remove ends up in a landfill. Burying garbage also causes both air and water pollution, and simply transporting it to the sites consumes an increasing amount of valuable fossil fuels, which produces more pollution and other problems. The presence of waste is an indication of overconsumption and that materials are not being used efficiently. This is carelessly reducing the Earth's capacity to supply new raw materials in the future. The capacity of the natural environment to absorb and process these materials is also under stress.



# SOLUTION

## CHANGE IN GARBAGE ISSUE

There has been a change in prevent garbage pollution. In recent times **NARENDRA MODI** the prime minister has started an organization for having a clean environment called swachh bharat. Many people from all over the world have accepted this and are following it. We should set up many more organizations like this and then we can prevent the garbage issue.

## RECYCLE

On average, Indians drink one beverage from aluminum can every day. But we recycle just over 49% of the cans we use. Since the cans are 100% recyclable, we could drastically reduce the energy needed to produce brand new cans simply by recycling our empties. An aluminum can is able to be returned to the shelf, as a new can, as quickly as 60 days after it's put into your recycling container. Coast-to-coast, there are about 10,000 locations that buy aluminum, making it easy for Indians to redeem their used beverage cans for cash. In fact, recycling aluminum cans is a \$1 billion/year industry in this country. Recycling one aluminum can saves enough energy to run a television for three hours. There are thousands of products made from aluminum. From food wrap to disposable cookware, to the disposable burner bibs you use to keep your stovetop clean, the list goes on and on. Aluminum can be recycled almost infinitely. The process involves simply re-melting the metal, a process far less costly and energy-intensive than mining the minerals necessary to create new aluminum. **THIS WAY WE CAN RECYCLE ALMOST ALL THE GARBAGE IN SOME OR THE OTHER WAY.**





# TERMS AND TIMELINES

IN THIS TEAM THERE ARE 16 MEMBERS AND 14 OF THEM DID NOT DO ANYTHING EXCEPT SLEEPING IN THERE HOUSE. ONLY KAUSHIK AND RISHIKESH DID THE WHOLE THING. THIS WAS A VERY BIG PROBLEM. BUT I FELL SORRY FOR THE OTHERS BECAUSE THEY DID NOT LEARN ANYTHING AND WE DID.

WE WOULD LIKE EVERYONE IN THIS WORLD TO RECYCLE AND I WILL GARENTY U THERE WILL BE A CHANGE IN THIS GARBAGE ISSUE.

I WOULD ALSO WISH THE GOVERNMENT MADE THIS A LAW NOT TO LITTER AS IT IS DONE SERIOUSLY IN AMERICA, SINGAPORE etc....

THEN THE PEOPLE WILL FOLLOW IT SERIOUSLY.



# REFERENCES

INFORMATION ON GARBAGE ISSUE WAS TAKEN FROM THE LINK-

<http://www.wm.com/thinkgreen/what-can-i-recycle.jsp>

INFORMATION ON RECYCLE WAS TAKEN FROM THE LINK-

<https://www.planetnatural.com/composting-101/environmental-issues/garbage-gripes/>

THE REST WAS DONE BY OURSELVES