



**Tagore International  
School  
East of Kailash,  
New Delhi**



THE GLOBAL  
EDUCATION & LEADERSHIP  
FOUNDATION



# Project ऋ

**RE: Rejuvenating the  
Environment**

**Goal 11: Sustainable Cities and  
Communities**

**Youth Leaders:  
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# Progression of Stages

Stage 1

- Identifying the core problem

Stage 2

- Team Formation

Stage 3

- Layout of the Plans

Stage 4

- Finding Partners

Stage 5

- Implementing Solutions

Stage 6

- Public Awareness

Stage 7

- International Awareness

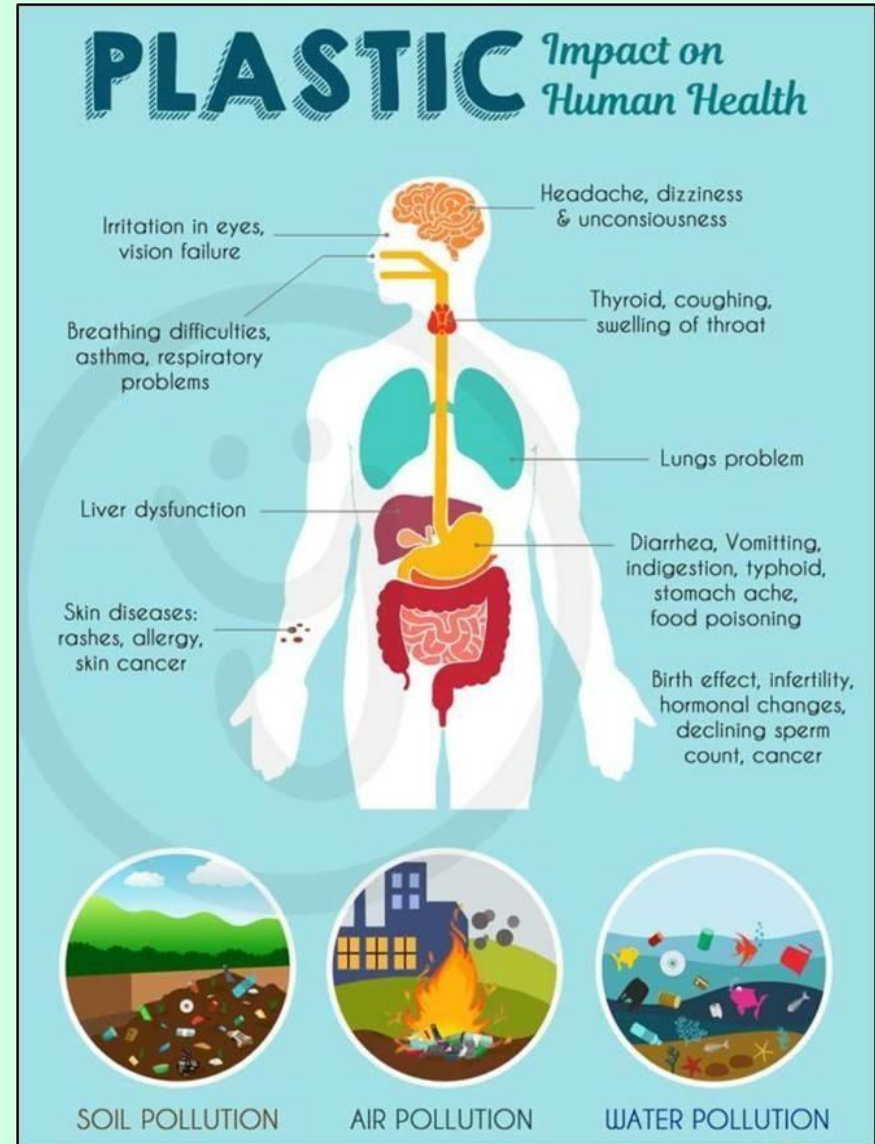
# Stage 1: Identifying the Problems

- Of all the waste we generate, plastics are perhaps the greatest symbol of a throwaway society. Plastic will contribute to greenhouse gases in the equivalent of 850 million tons of carbon dioxide (CO<sub>2</sub>) to the atmosphere. Plastics even affect the world's tiniest organisms.
- Most of the waste generated are recyclable. But almost all waste end up in landfill due to lack of awareness of waste segregation.
- Lack of knowledge of product up scaling amongst society.



# Whose Responsibility?

The battle against plastic pollution is a never-ending one since we are constantly producing harmful material. However, there are plenty of ways to diminish the waste, and if every person does their part, the world can be changed for the better. All stakeholders are required to contribute towards the social benefits of the sustainable design which shall lead to the betterment of humanity.



With a mindset already existing for making Tagore International School a one time plastic-free zone, we students clubbed our minds together for a concerted effort towards maximum reduction of plastic waste and optimum utilization of the existing waste which stands as a monster against sustainability.



# Stage 2: Formation of TGELF Team

- Interested students of classes IX-XI came together to work as a team for the project.
- Meeting was held to form the group and take it to the next level.
- Youth Leaders were selected
- Naming of our project as 'RE'- Rejuvenating the Environment.
- Project to focus on SDG Goal 11 Sustainable Cities and Communities



Students were further divided to different sub teams such as

- 1- Art Team
- 2- Writing Team
- 3- Marketing and Advertising Team
- 4- Research Team
- 5- Volunteer Group
- 6- Presentation Team
- 7- Photography Team
- 8- Management Team



## Stage 3: Laying Out Plans

- We found that recycling is a common project which most schools have undertaken.
- In order to initiate something out of the box, through regular meetings, we planned on bringing up something different to promote sustainable development.



# Project



- Creating public awareness on Waste Segregation, recycling, problems with one time use plastics and ways to reduce them
- Collection Drives
- Training our students and EWS parents to create upcycled products
- Thus creating an Income source for EWS parents.
- Setting up of installations at public places to create Mass Awareness

# Stage 4: Approaching Partners

- Next stage was to approach the partners with whom we can partner to achieve success in our mission
- We approached few NGOs who are working towards the same goal of Sustainable Cities and Communities to partner with us.
- NGOs happily joined hands us to tread the green path
- We partnered with the following NGOs



# Stage 5: Implementation

- As we joined hands with our partner NGOs, our next step was for effective implementation of our project.
- Our aim was to spread awareness to the maximum people
- We intended to rope in other schools and the community to follow the ideas being propagated and implement these strategies with the help of the student body.



# 5.1- Waste Segregation

## Workshop by Chintan on Waste Segregation



# Door to Door awareness campaign on waste segregation with the Municipal Councillor of the area



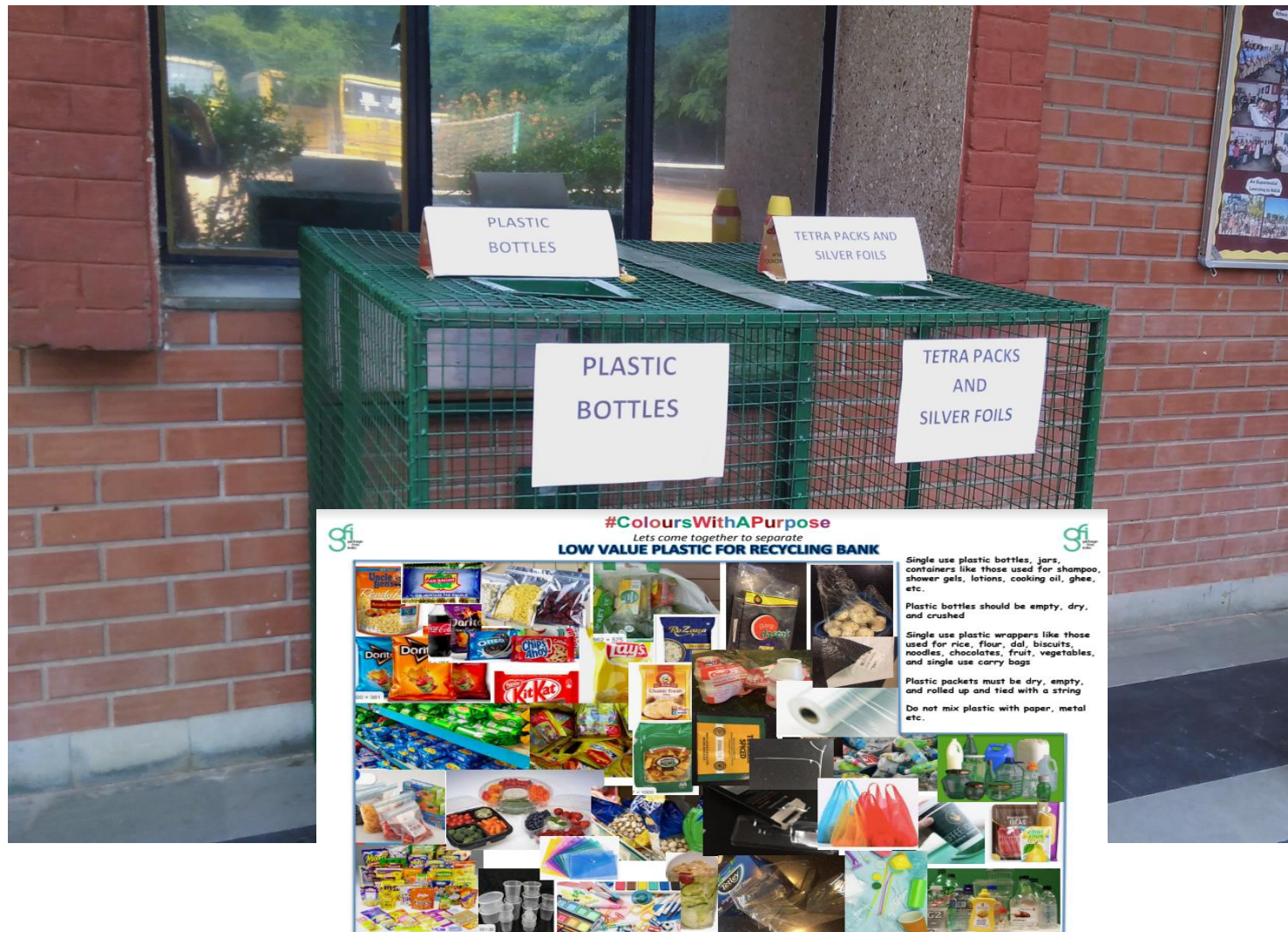
# Creating awareness amongst the Support Staff on segregation





Different bins placed in school for collection of segregated waste

# Use Bin donated by Garbage Free India for collection of Plastics, Foils etc



# 5.2- Collection Drives

## Plastic and E-Waste Collection Drive



## 5.3- Bring own cutlery in cafeteria

Students and teachers carry their own cutlery for lunch and snacks at the cafeteria





Teachers and support staff bring own mugs/ cup for tea/ coffee from Cafeteria.



# Parents and Visitors

Plastic cutlery replaced with sugar cane pulp or eco friendly cutlery for parents and visitors.

plastic glasses with reusable glasses for drinking water



# 5.4 - Recycling

- Collaboration with an NGO 'Green Globecare' for paper recycling
- Around 650 KG of newspaper given to for recycling
- Green Globe care provided us with 200 Notepads made from recycled newspapers



# Recycling of paper in school

- Students recycle the newspapers and make handmade sheets
- Recycled handmade sheets are used for creating folders, cards, gift wrapping etc.



## 5.5- Upcycling products

Visit Green the Gap store to request to get an idea about upcycling





Dissemination of  
information on  
upcycling to  
students

- Creating awareness of upcycling to students through assembly talks.
- Holiday homework to bring upcycled planters





# Sale of Upcycled planters during PTM





# Training EWS parents to make upcycled products





## Sale of Upcycled products during PTM



# Exhibition cum sale of Upcycled products made by EWS Parents at IGNCA



## 5.6- Environment Friendly Stationery used at NPSC Principals' Meet



# Students gifted teachers with seed pencil and bookmarks made out of seed paper on teachers Day



## 5.7- Environment Friendly Festival Celebration



Celebrating Dussehra by making Plastic Ravana which was symbolically burnt to reinforce the message to the students



# Stage 6- Public Awareness

Nukkad Natak around markets and slum areas to create public awareness





## Installation of Plastic Monster (created using one time use plastics, tyre, chips packets etc.) at IGNCA



# Display at ISKCON Temple



A wall in the school compound  
to create awareness

**MOUNDS OF WASTE OR  
A HEALTHY GREEN EARTH  
THE CHOICE IS OURS !**



# Stage 7-International Awareness



- Students made a short movie 'Parched' on the effects on communities if we don't utilize natural resources effectively.
- They sent their movie in various international Film Festivals and the film won the following awards
  - Shortlisted for DUEMILA 30 – International Short Film Festival in MILAN, ITALY
  - Shortlisted for MOSCOW INTERNATIONAL McGuffin Youth Film Festival in RUSSIA.
  - Selected in International Public Advertisement Festival of Seoul
  - Selected in ENIMATION Film Festival, Slovenia
  - Winners at PEACE IN THE STREET GLOBAL FILM FESTIVAL, UN, New York
  - Winners at Chile Film Festival
- Click on the link to watch Parched Movie  
[https://www.youtube.com/watch?v=0BVZ\\_yrldyg](https://www.youtube.com/watch?v=0BVZ_yrldyg)

# Innovations Under Limelight

- 1- Students and teachers bring their own utensils and cutlery or use plates made out of sugarcane pulps.
- 2- Regular workshops are conducted for EWS Parents to produce upcycled products, bringing forth the additional income sources.
- 3- Collaborations with many NGOs through donations which were provided and received in order to reduce plastic waste.
- 4- Upcycled and recycled products are used for sale to generate revenue for donation to partner NGOs.
- 5- These products are also used as Tokens of Appreciation given to guests who visit the school on various occasions. 'Actions speak louder than words' and as advocates of a green planet, our baby steps count.
- 6- Installing a plastic monster made by the team for spreading awareness
- 7- Door to Door awareness regarding waste segregation
- 8- Making profit through minimal investments

**Impact of**

*Innovation*



# Saving the Environment

## Small Step: Parents and Visitors

### **Plastic Glasses**

One day consumption of Plastic glasses for drinking water to visitors and parents were around 50. It was stopped as the plastic glasses were replaced by reusable glasses.

Total savings per day- 50

Per month around-  $50 \times 25$  (No of working Days) = 1,250

**Total savings in 6 months= 6,250 plastic glasses from  
harming the environment**

# Another step: The Cafeteria

## **Tea/ Coffee Cups**

One day consumption of tea/coffee plastic coated paper cups were around 200. It was stopped as the teachers and support staff brought their own cups/mugs

Total savings per day- 200

Per month around-  $200 \times 25$  (No of working Days) = 5000

**Total savings in 6 months= 30000 plastic coated paper cups from harming the environment**

## **Plastic Plates and Spoons**

One day consumption of Plastic plates and were around 250 plates and 250 spoons. It was stopped as the teachers, students and support staff brought their own cutlery

Total savings per day- 500

Per month around-  $500 \times 25$  (No of working Days) = 12,500

**Total savings in 6 months= 62,500 plastic plates and spoons from harming the environment**

# Saving from Plastic Collection

- Around 25 kg of one time used plastics collected during plastic collection drive. These plastics were used in the making of Ravana, Plastic monster and the Plastic wall.
- After completion of the project these plastics will be sent for recycling.



# Challenges Faced....

- 1- It was difficult to promote our initiative due to very few outlets of advertisement.
- 2- Plastic continued to be used even after a few weeks of the “Bring Your Cutlery” Rule due to initial non compliance by students but soon it stopped as extra money was charged.
- 3- People were not ready to buy the products. However, with more workshops and educational sessions, sales started to increase gradually.
- 4- Collecting plastic wasn't an easy task but increased at an impressive rate after workshops.
- 5-The EWS parents initially hesitated in taking up the learning process but now, they have more confidence in themselves and their work. However after the success of stalls many people came forward to contribute Best out of Waste products in future.

# Learning from the project

- Students have started their own campaigns at home. They are creating awareness about plastic hazards at home. They now stop parents from using onetime use plastics
- Students after learning about waste segregation have ensured that there are at least 2 dustbins at home in order to segregate waste
- Students have taken up the project to hone their creative skills. They have also realized that even waste can be of immense help if we do out of box thinking to use it effectively. Students have started believing in 'Kabaad se Kamaal'. Their enthusiasm at the stalls was a testimony for it .
- Each student is aware that every little step they take towards saving the environment will have a cumulative effect. It is with immense satisfaction we watch our students bringing empty tiffin boxes to buy snacks from the cafeteria or talking to the ancillary staff and educating them about waste segregation.

***The Project is having a far reaching effect and we will ensure that the momentum keeps building up.....***

# Staged Time Table

		15 May to 31 May	June	July	August	September	October	1 November to 15 November
1.	Waste Segregation awareness workshop with Chintan							
2.	Creating awareness among the ancillary staff on segregation							
3.	Door to Door awareness campaign on waste segregation with the Municipal Councillor of the area							
4.	Creating awareness of upscaling to students through assembly talks. Holiday homework to bring upscaled planters							
5.	Different bins placed in school for collection of segregated waste							
6.	Nukkad Natak around market and slum areas to create awareness							
7.	Upscaled planters sale during PTM							
8.	Plastic Collection Drive, E Waste Bin installed							
9.	Nukkad Natak During PTM areas to create awareness among Parents							
10.	Training EWS parents to make upcycled products							
11.	Say no to plastics: Bring own cutlery in cafeteria, teachers bring own mugs/ cup for tea/ coffee, and replaced plastic glasses with reusable glasses for drinking water for visitors							
12.	Plastic cutlery replaced with sugar cane pulp cutlery							
13.	Collaborated with Garbage Free India NGO and they donated a bin for collection of Plastics, Foils etc.							
14.	Collaboration with an NGO 'Green the Globe' for paper recycling							
15.	Recycled gifts and stationery given to Principals during NPSC Meeting							
16.	Visit Green the Gap store to request for sale of upscaled products made by EWS parents							
17.	Environment Friendly and recycled gifts for Teachers Day							
18.	Celebrating Dussehra by making Plastic Ravana which is symbolically burnt to reinforce the message to the students							
19.	Exhibition cum sale of Upscaled products made by EWS parents at IGNCA							
20.	Plastic monster in school during inter school competition- Tagfest							
21.	Sale of Upcycled products during PTM							
22.	Installation of Plastic Monster (created out of plastic waste) at IGNCA, ISKCON temple, and Metro Station							
23.	A plastic wall in school compound to create awareness							

# Future Plans

- 1- The plastic monster shall be placed strategically at a Delhi Metro Station to create more awareness and better outreach. The process for seeking sanctions has been initiated.
- 2- A request has been made to hold discussions involving environmentalists and people from the industry in the Indian Habitat Centre regarding waste generation and segregation.
- 3- We hope to receive specialized training by an NGO for our staff and parents interested in upcycling products.
- 4- Various street plays are under progress for future presentations.
- 5- The school aims to be a plastic-free zone in the future times, as the nation targets single-use plastic being completely banned in India.