

# *JBCN International School*

*Borivali*

## *Earth Savers*

*India generates nearly 26,000 tonnes of plastic waste every day, making it the 15th biggest plastic polluter globally. Discarded plastic waste litter the country's roads, rivers and also form huge mounds in garbage dumps across the country. The rubbish dumped most frequent is filled with plastics.*

*During the monsoon, plastic bottles at the dump accumulate water and are a breeding ground for mosquitoes. Besides the stench, the site poses a major health hazard for the area's residents, exposing them to the mosquito-borne diseases. Many a times, the solid waste has been put on fire by the municipal agency, polluting the air. It can also be fatal for the stray animals, mainly cows and dogs that end up mistaking plastic for food. This hugely impacts the environment and all the organisms in it. Along with this the ecosystem is damaged.*




*Taking cognisance of the crisis, Prime Minister Narendra Modi himself has urged for a nationwide movement to end the scourge. He wants Indians to shun single-use plastic from year 2019.*

*As a part of our **GSL** activity, the school administration along with **WINGS FOUNDATION** encouraged us to spread awareness through posters, jingles, videos, powerpoint presentations and collect plastics from residential areas, roads and give it for recycling to the **WINGS FOUNDATION NGO** and respect the other organisms habitat and maintain the ecosystem. We are the students of **JBCN International School, Borivali, Mumbai**, and our group consists of 7 members of grade 8. We have taken this pledge to keep our societies, neighbouring areas, roads free of plastics and as a part of this initiative, we visited the **neighbouring societies** with the purpose to gather all the plastics and give it for recycling and save the environment from the hazards and the fatal effects. We began this journey in the month of September, 2019 and it has been a smooth sailing so far. We have conducted plastic clean-up drive along with plastic awareness programme once in two weeks for five months. Many other students from different grades have helped us in this initiative. This is a sustainable project and we'll be continuing with this activity. We also intend to collect plastics for reusing and spread awareness to more societies and localities in the coming years.*

Project objectives:

- to encourage people not to use one time use plastic that cause pollution and it is difficult to degrade.
- to engage people around the world to spread awareness on use of plastics and focus on plastic reduce, recycle, reuse and refuse action programme.

*Sustainable development Goals*

	<p><i>Goal 13: Climate Action:</i> Almost all plastic is derived from materials (like ethylene and propylene) made from fossil fuels (mostly oil and gas). The process of extracting and transporting those fuels, then manufacturing plastic creates billions of tonnes of greenhouse gases.</p> <p>Our plastic awareness programme and plastic collection drive and recycling programme can help to reduce the global warming to some extent and prevent from destroying the ecosystem.</p>
	<p><i>Goal 14: Life Below Water:</i> With the collection of plastic and reusing it we can prevent it from dumping in oceans. Marine life whose only habitat is waterbody can be affected if plastics are dumped into waterbodies.</p>
	<p><i>Goal 15: Life on Land:</i> Collecting plastics from roadsides reduces the land pollution and prevents dogs, cats or maybe even cows from consuming it as they might assume it to be food. Also the torn polythene bags might entangle the domestic animals.</p>

### *Highlights :*

- *Before we started working on this project, none of us had any basic knowledge about the terrible effects of plastics on the environment. But now we are able to create awareness among other students of different age groups and also reflect on our own actions.*
- *We have managed to collect good amount of plastics from neighbouring societies.*
- *The impact of following Swachh Bharat Abhiyan (Clean India) an initiative by our Prime Minister has encouraged our students more to develop best practices in our school, home and their societies to carry forward the plastic collection drive and follow the four R's : Reduce, Reuse, Recycle, Reduce taught by the WINGS FOUNDATION and see the undisturbed and beautiful environment around them.*
- *We witnessed this plastic awareness and plastic collection drive was so powerful that the societies without we reminding them they started gathering the onetime use plastic and would inform us to take it from their societies to the NGO for recycle and also the WINGS FOUNDATION gifted our students Tshirts made with maximum use of plastic.*
- *The recognition and appreciation we have got from our own classmates is a big achievement for all of us. Now we have become more responsible towards the environment and always brainstorm on strategies to reduce our carbon footprints. Thanks to **GSL**.*

### *Introducing our team:*

- ***Project leader :** Ms. Anshi Gangar*
- ***Asst. Project leader:** Ms. Ditee Palrecha*
- ***Creating awareness :** Ms. Briva Puri, Ms. Kannaki Bose, Ms. Aura Dsouza*
- ***Data collection/Record :** Mst. Yohann Lobo, Mst. Parth Patil*

### *Funds & Donations:*

- *Travelling costs was borne by our school management.*
- *Hand gloves, bins to collect plastic, banners were provided by WINGS FOUNDATION.*

# OUR HEROES



