Clean Up & Recycle for Environment
E-Waste Free School Programme

Electronic Products

Electronic products have become an integral part in our daily life as a basic need. In India approximately 2.7 million tonnes electronic products are consumed every year (CPCB, 2012) the products range from shopping bags, containers, toys, industrial and household products, etc. Recycling of a virgin plastic material is possible and even practiced at many places. However it can be done 2-3 times only, because, after every recycling, the strength of plastic material is reduced due to thermal degradation. The recycled plastics are more harmful to the environment than the virgin products due to mixing of colour, additives, stabilizers, flame retardants etc.

Environmental issues on disposal of electronic-Waste:

- During polymerization process fugitive emissions are released.
- During product manufacturing various types of gases are released.
- Indiscriminate dumping of e- waste on land makes the land infertile due to its barrier properties.
- Burning of plastics in side e-waste generates toxic emissions such as Carbon Monoxide, Chlorine, Hydrochloric Acid, Dioxin, Furans, Amines, Nitrides, Styrene, Benzene, 1, 3- butadiene, CCl_4, and Acetaldehyde.

How can a student, school, make a difference? Explore:

Explore the electronic items in your school or at home. Classify them as reusable and non- reusable.

Discover:

Find out how many and what kind of electronic products in your family, is used in a year. This is your family's electronic waste footprint. Do the same for your school or apartment or neighbourhood.

Understanding your campuses electronic waste programme is the key to change, because it will help focus your efforts on the biggest problems, and you may be surprised by what you find. The e-waste footprint should include items that are given by family into the e-waste stream. These e-waste streams include simply electronic waste given to kabadiwalas. Finding out how much e-waste given to kabadiwalas and what they do with these waste. It can be hard, but you may be able to measure it through surveys, trash audits, or working with the people who purchase such electronic products.

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Act:

3Rs are the Mantra

REUSE, REDUCE, RECYCLE

Carry out awareness campaigns in the school, neighbourhood or any public area. Tell the people about the Mantra of 3Rs.

Ask your school teacher about 3Rs and also ask them how it is helpful in mitigating the climate change.

Share:

Share your before and after stories by sending an email to cure.org.in@gmail.com