



Blooming
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E-Waste Management

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Icebreaker

- What is somewhere you've always wanted to go?
 - DC or Marvel? (Don't throw hands..)
 - And your favorite board game?



What is E-Waste?

E-Waste or Electronic Waste is one of the most rapidly growing types of waste in the world, as technology is advancing at an increasing pace. It can be defined as discarded items, typically electrical or electronic equipments. These are usually dumped or treated as waste, without the intention of reusing, repurpose, or recycling in mind.





Examples of E-Waste

Some examples of electronic waste include TVs, computer monitors, printers, scanners, keyboards, mice, cables, circuit boards, lamps, clocks, flashlight, calculators, phones, answering machines, digital/video cameras, radios, VCRs, DVD players, MP3 and CD players.



Impact of E-Waste on the Environment

1: Effect on Air:

E-Waste is shredded, dismantled or burned to get rid of the waste as well as to extract some of valuable metals like copper etc. present in e-waste in small quantities. This cause air pollution that can impact larger area as small particles in the air can travel hundreds of miles.

2: Effect on Soil:

Improper disposal of E-waste in the landfills leads to soil contamination that impacts the overall soil quality and the plants and vegetation that grows on this soil.

3: Effect on Water:

Elements and harmful metals such as lithium, lead, mercury and barium, can leak through the earth even further to reach groundwater.

When these toxic substance reach groundwater, they can end up into water bodies like lake and rivers. These toxic substances are harmful for animals, aquatic life and communities even if they are far away from the landfills or recycling sites.

4: Effect on Humans:

Electronic waste contains toxic components like mercury, lead, cadmium, barium and lithium that are dangerous to living beings. These toxins causes damage to the nervous ,respiratory and reproductive systems .

What Should We Do About This?

Reduce, Reuse, Recycle

1. Reduce your e-waste generation through smart procurement
2. Reuse functioning electronic equipment by donating or selling it to someone who can use it
3. Recycle products that cannot be repaired. To find an organization that will manage your electronics for recycling, search the directory.

Source: Electronic Waste Management: <https://www.calrecycle.ca.gov/Electronics/>



Do's and Don'ts When Handling E-Waste

Do's

1. All electrical and electronic products are required to be handed over only to the authorized recycler.
2. Keep the product in an isolated area, after it becomes non-functional /un- repairable so as to prevent its accidental breakage.

Don'ts

1. The product is not meant for resale to any unauthorised agencies and scrap dealers
2. The product is not meant for mixing into household waste streams
3. Do not keep any replaced spare part(s) from the product in exposed areas
4. Do not dispose off the E-WASTE in landfills

Source: <https://www.hsewebsite.com/e-waste/>





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Where to Recycle E-Waste

Quick Demonstration!

<https://www2.calrecycle.ca.gov/Electronics/eRecycle>





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*Share your ideas
pertaining to the E-Waste
Event!*

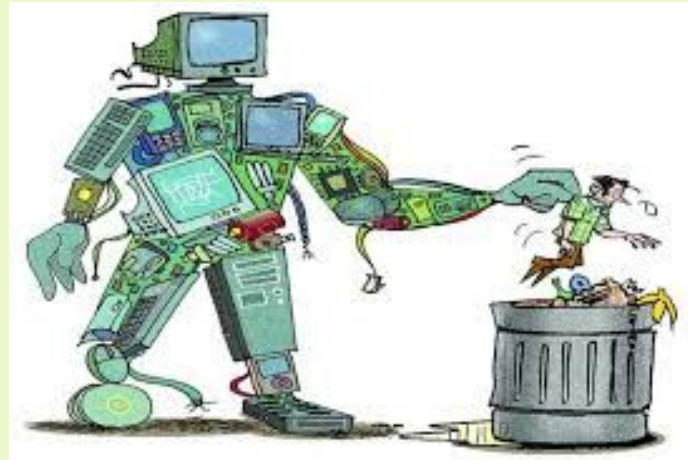


Conclusion

Awareness: It is very important to spread awareness on this rapidly growing global problem and the threatening hazards.

Planning: To reduce the toxic effects of e-waste, it is crucial to properly plan and recycle, so that items can be reused or refurbished.

Implementation: The growing of e-waste will only worsen and cause irreversible health impacts, if not handled timely and educated on the right means of disposal.





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Reminders!

- Be sure to send us to send us your gmail (Hangouts) We are going to test it today!
- Be sure to send us your picture and bio (a short introduction about yourself) if you have not already. Send it in the Hangouts!
- Think of a topic for the upcoming Blog post (which will be due on October 25) and submit it on Google Hangouts.
- If you want to, do create a flyer for E-waste and share in the Google Hangouts.
- We are also able to give volunteer hours, but this will be effort/participation based!



*Thank You For
Coming!*

Any Questions?