E Waste/ Health - Unit 1 Lesson 6

Electronic waste, when indisposed incorrectly can have a significant impact on our environment by causing air pollution. The toxic materials from the wreckage are infecting the water, and the air and damaging our atmosphere which infects our land and sea animals. There have been multiple studies showing that air quality has a negative impact on our respiratory system and that it is contaminated with toxic materials from e-waste that drastically reduce the overall lifespan of not only us humans, but our animals too. Electronics contain very valuable materials, plastics, metals and rare earth elements, and if we do not dispose of them correctly those resources are lost and lead to a depletion in resources, which we only have a certain amount of and we would need to use energy consuming mining processes to replace them..

There are many things we can do to reduce electronic waste but the most popular method we have is to reduce, reuse and recycle. Reducing means to think about if we really need to buy new electronics or if we can repair the old ones we already have and try not to go through so much. Reuse means to salvage parts of the electronics that are functioning or to donate them to charitable foundations of those in need for them. We reuse because it reduces the number of resources in production and the pollution generated by making new products. Recycling involves the process of disassembling used electronic products into their parts and valuable metals, plastics, and other materials for the purpose of creating new products. Recycling reduces environmental pollution because we don't have to make the products and components from scratch. If we use this method more in our modern lives then companies manufacturing used electronics can help prevent climate change and we can have a brighter tomorrow and we can have a healthier world for everyone. Another method we can use to help reduce waste is to think about how long a certain electronic device will last and try to choose the one that will last the longest so it won’t be thrown away so quickly. We can also help slow the demand of popular products by purchasing little amounts of the gadget at a single time so that we can help slow the production of electronics.

In conclusion, electronic waste represents a pressing global concern due to its global impact, human health, and resources. Our government, industries and consumers all have different and effective recycling and disposal systems that reduce e waste and safeguard the environment. To address these concerns we can do all these methods and we can help stop environment pollution and resource draining and help save our planet because it's the only one we have. If we sit by and do nothing we will not have a planet or a habitable place to live safely from all these toxins. We can help by trying to spread the word to our friends and family to help bring awareness about how it is ruining our planet, awareness campaigns can be very beneficial to help fix the issue at hand and it is how we started recycling our electronics.

"How Does Recycling Electronics Help the Environment?" Ewaste1.com, [www.ewaste1.com/how-does-recycling-electronics-help-the-environment/#:~:text=When%20e%2Dwaste%20is%20exposed,also%20contribute%20to%20air%20pollution](http://www.ewaste1.com/how-does-recycling-electronics-help-the-environment/#:~:text=When%20e%2Dwaste%20is%20exposed,also%20contribute%20to%20air%20pollution).

"Top 10 Ways to Reduce E-Waste." WC Recycler, [www.wcrecycler.com/blog/top-10-ways-to-reduce-e-waste](http://www.wcrecycler.com/blog/top-10-ways-to-reduce-e-waste).

"What Are the Three Rs in Recycling?" PhoneDaddy, [www.phonedaddy.com/blogs/news/what-are-the-three-rs-in-recycling](http://www.phonedaddy.com/blogs/news/what-are-the-three-rs-in-recycling).