



SUSTAINABLE E-WASTE Design Competition



Bronze- 3rd Place Project E3 (E Filter, E Frame, E Page)



From left to right: Bryan Dewhurst, Holly Roe, Megnan Kenney, Reza Shiftehfar, and Monica Czarny

Project Description:

E-Filter: E-wastes are the fastest growing component of the modern world. They are toxic and cannot be dumped in landfills but if used innovatively can even help the environment. Our E-flow air filtration system is designed solely from e-

Winners

Artist / Designer

Gold Award- 1st Place
+Tourist Kiosk

Silver Award – 2nd Place
+Seedling keys

Bronze Award – 3rd Place
+Penta-Chair

Geek / Technical

Gold - 1st Place
+Recycling Kiosk

Silver – 2nd Place
+E-Waste Hydroponics Farm

Bronze –3rd Place
+Project E3 (E-Filter, E-

Frame, E-Page)

Honorable Mentions

+WHENCE

+The E-Wave

+Centuria

+QWERTY

waste materials. It uses solar e-wastes to generate power and purifies the air from smoke, odor, toxins & dust by passing it through several designed filters. The system is also equipped with an Oxygen Generation Module which absorbs CO2 from the air while releasing pure oxygen. This module is made from recycled materials, and serves as an aesthetic sculpture for the room as well as a home for algae inside.

E-Page: E-wastes are left an average of 3.5 years sitting around the house before being given away. One of the concerns is privacy of data. Why not to use the e-waste by yourself? Don't know how? Don't worry. Check our e-waste-recycling-ideas website (<http://e-waste-recycle-idea.blogspot.com/>) Use these simple ideas to use your old electronics, enjoy creating your new stuff by yourself, feel green and share your new ideas with others.

E-Frame: Doesn't it feel weird to give away your old laptop just because 1-2 parts are damaged when you have paid thousands of dollars for it just several years ago? Did you know that a high resolution digital photo frame of 15 inches costs more than \$500? Why not create one by yourself!? We designed an e-frame; a digital photo frame which displays photographs and movies in high resolution with voice! The e-frame is created out of old laptop parts (at least 3 totally damaged laptops were combined), and a cardboard game box. Suddenly, what seems like a collection of junk is turned into a piece of astounding aesthetic that shares everlasting memories with all who view it.



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