



SUSTAINABLE E-WASTE Design Competition



PROJECT ABSTRACTS Technical/Geek Category

Team Number: 12

Category: Technical / Geek

Project Title: E-Waste Hydroponics Farm

Team Members: Adam Fabianski, Joe Sagen, Greg Platt, Paul Cade

Project Description:

Our project for this year's e-waste design competition is to construct a functioning hydroponics system that can be used in a vertical farm or that can be marketed for home use by using old computers and other e-waste. Our plan so far is to build a functioning model as well as to design a vertical farm using the electronic waste as functioning equipment to help run the farm. We also have an industrial designer working on preparing a marketable home system that can be used to grow vegetables using hydroponics and e-waste. We are also researching the impacts globally and on cities and areas that use this technology. We feel that our project shows that old computers do not need to be recycled, but rather, they can be used to run an entire farm.

Project Abstracts

Artist / Designer

- +QWERTY
- +Tourist Kiosk
- +Weave Lamp
- +WHENCE
- +Penta-Chair
- +Project E3
- +Campus Internet Kiosk
- +Seedling keys
- +Affordable Developing Country Server/ Workstation Network
- +Community Projector
- +Digital Address Book for the Baby Boomer Generation
- +E-waste

Collecting Station

+Mobile Phone
Digital Lock

Technical / Geek

+EcoModule: a fungible,
eco-friendly learning
experience

+The E-Wave

+Centuria

+E-Waste
Hydroponics Farm

+e-Waste Kool Kiosk

+Control Your Energy

+CompuTable

+Recycling Kiosk



SCHOOL OF ART AND DESIGN // 143 Art and Design Building // 408 E. Peabody Drive // Champaign, IL 61820
CONTACT US // Phone: 217-333-0855 // Fax: 217-244-7688