



SUSTAINABLE E-WASTE Design Competition

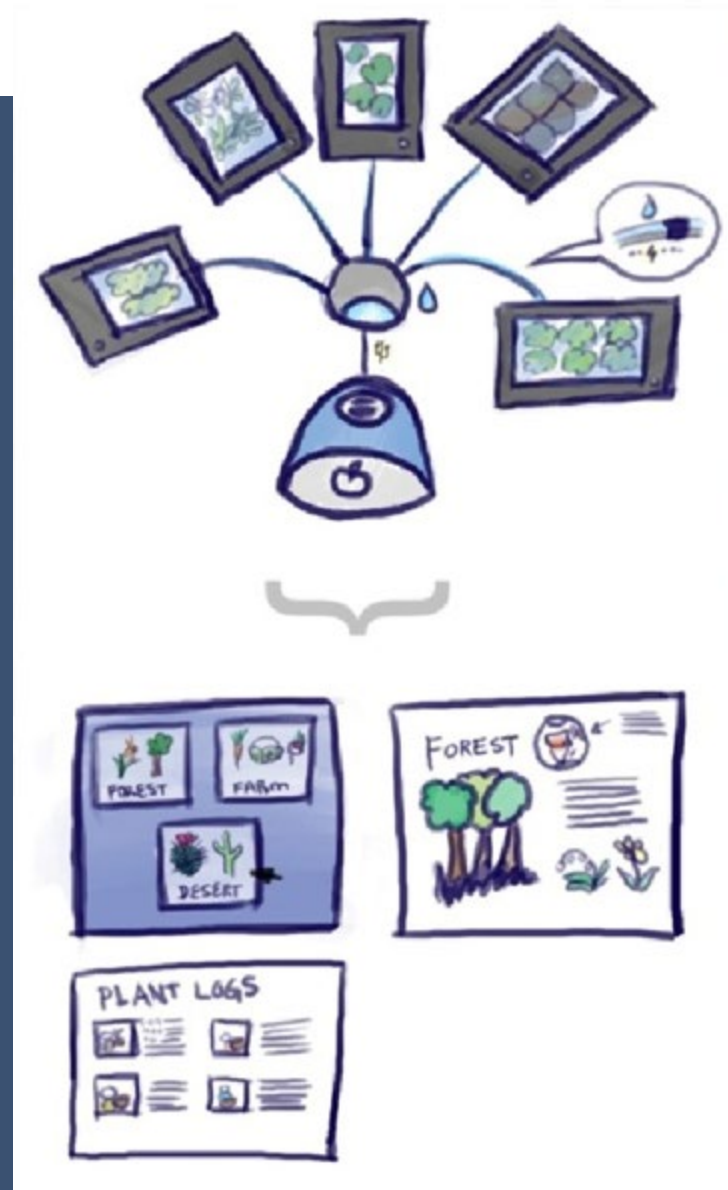


PROJECT ABSTRACTS Technical/Geek Category

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

Team Number: 4

Category: Technical / Geek

Project Title: EcoModule: a fungible, eco-friendly learning experience

Team Members: Lindsey Young, Timothy Weng, Zoe Emmons, Josh Braun

Project Description:

Designed to fit the needs and wants of classes in elementary schools, our product aims to provide an interactive and engaging system through which they

- Hydroponics Farm
- +e-Waste Kool Kiosk
- +Control Your Energy
- +CompuTable
- +Recycling Kiosk

can learn about different ecosystems in a fun and highly educational way. The system consists of a series of scanners in which groups of students will house different plants. Each scanner will be designed to emulate a different ecosystem, and fan systems will regulate the temperature in each unit. The children will each start a plant from a seed and work together as a group to gather information to add to their databases, sharing the responsibility for caring for the plants in their assigned "environment." A computer loaded with an internet browser will provide the kids with access to information regarding each others' "ecosystems," and potentially compare notes and trade information with other classes using the same system. Through use of the computer, kids will improve many important skills such as basic typing and reading, and will enjoy the thrill of getting to input data and see the changes over a period of time.



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