Program Description:

University Laboratory School is a public charter school. Our purpose is to provide high quality, comprehensive education to all students in an inclusive, heterogeneous setting. We have a dual, interlocking commitment to teaching and research.

ULS Project Pono is a program designed to develop, support, and actualize student commitment to environmental stewardship and service-learning. Students of Project Pono create projects and programs that are focused on educating the public and providing opportunities for interested parties to actively engage in local environmental issues grounded in island or Hawaiian values.

We are engaged in several initiatives in various grade levels that integrate traditional science content but also focus on reduction of energy consumption, education about clean energy, supporting Hawaii's move toward energy independence through food sovereignty, and educating about climate change.

Major Accomplishments:

1. Students created and implemented a sustainability and recycling event called the "Annual ULS Recycle-A-Thon". This event was sponsored in part by Youth Service Hawaii and Starbucks Foundation. Dozens of sponsors and guests spread their positive messages of recycling and sustainable practices to the 250 attendees. Vendors included Blue Planet, Opala.org, Styrophobia, Down to Earth, etc. 2nd Annual event coming up on March 26, 2011.

2. Partnered with Blue Planet in both Blue Line Project and CFL Exchange Drive - students went into the local community to engage in and promote energy efficiency and awareness of eminent dangers of climate change.

3. Students joined in the 'Aina Ho'ola food sovereignty movement and also started their own food sovereignty initiatives. Students are educating themselves and others on traditional Hawaiian agriculture, the value of locally grown and locally produced goods, and growing your own food using aquaponics or edible gardening. The goal is to reduce Hawaii's dependence on imported foods and processed foods, to reduce our demand for fuel to transport and process it.

4. Initiated school Peace Garden and Peace Path. Peace Gardens focus on integrating peace and sustainability education in numerous ways. At ULS, our Peace Garden contains our aquaponics system, our organic garden, and we will soon incorporate more diverse and dispersed edible landscaping.
**Target Audience:**

We aim to educate and share with all ages, specifically families (could be intergenerational). The projects are led by students of all ages, but mostly by ULS Project Pono high school students - Project Pono was created to promote and support activism in high school aged students.

**2011 Major Events:**

1. Food and Family Nights: Aloha, 'Aina and Kuleana - learn about locally-grown, sourced, and produced food; discuss food and nutrition with experts and your own family; promote food knowledge and locally-grown foods in the home; showcase macrobiotics and food sovereignty.

2. Annual ULS Recycle-A-Thon: A Recycling and Sustainability Event - learn about recycling and sustainable practices; engage learners of all ages in all-day event featuring live entertainment, movie screening, crafts, planting, etc; host Aloha 'Aina Earth Day Recycling Partner as a fundraiser (money used to buy components of our Peace Garden project that is meant for public education)

3. Peace Garden and Peace Path educational outreach day - TBD, in Fall 2011.

4. Use of Middle Schoolers Out to Save the World (MSOSW) curriculum in partnership with UH College of Engineering and University of North Texas to educate middle schoolers about energy efficiency and clean energy, and to increase engagement in STEM.

**Community Resources:**

Opportunities to engage through events designed and hosted by students; Peace Garden is open to all; opportunity to recycle unwanted goods, exchange incandescent bulbs for CFLs, possible workshop or tour days for next year. Peace Garden curriculum generated by International School Peace Garden parent NGO is open to all to share; M-SOS-W (Middle Schoolers Out to Save the World) curriculum currently piloted in ULS middle school focused on vampire/phantom electricity is also open for sharing and possibly disseminating to other schools; currently in the process of writing an aquaponics guide for classroom teaching.

**Resources Sought:**

- Guest speakers
- Guests to feature in booths for events
- Equipment for on-campus initiatives, etc.