

Rowland Hall Sustainability Five Year Plan

Rowland Hall will create a culture of conservation and sustainability through our curriculum, everyday practices and policies, and plant operations.

CURRICULUM

Goal: To educate students to appreciate and think deeply and creatively about the complex environmental, energy, economic and social issues of their times.

Professional Development

- Identify faculty outside sustainability committee to develop and share examples of sustainability education/curriculum - December 2009
- Identify speakers for faculty's professional development - December 2009
- Identify speakers for Board/Education Committee presentation - December 2009
- Develop a cadre of sustainability teachers - June 2010
- Organize faculty "book groups" - June 2010

Community Exchange

- Identify and research other schools as models for sustainability curriculum - December 2009
- Communicate with and provide support to other schools and institutions - Ongoing

Vertical Planning

- Form divisional committees with a representative from each grade level - June 2009
- Principals to define sustainability themes for integration into PS-12 curriculum - June 2010
- Establish better communication between grade levels and divisions - June 2010
- View the entire K-12 curriculum through the lens of sustainability - June 2012
- Coordinate problem-based learning using sustainability as subject - June 2012
- Build on existing curriculum - June 2014

Service Learning

- Link service learning opportunities to sustainability efforts - December 2009
- Build upon existing field trips and expand field experiences throughout all grade levels - December 2009
- Broaden scope of sustainability projects in "Ethics in Sustainability" course - December 2009

EVERYDAY PRACTICES AND POLICIES

Transportation

- Reorganize the Winter Sports program to make it more sustainable - June 2010
- Encourage alternative modes of transportation
 - Establish "bike or walk to school" groups led by parents/teachers – June 2010
 - Establish a network of families to use UTA bus service – June 2010
- Set up an online carpooling network - June 2010

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- Establish parking permits program for student parking - June 2010
- Re-evaluate field trip locations - June 2010
- Incorporate “Cool The Earth” program into our no-idling policy - September 2010

Public Relations

- Create a link on the RH website to reinforce everyday practices and policies - September 2009

Events Protocol

- Establish an events protocol for all Home and School-related activities - September 2009

Reduce, Reuse, Recycle

- Make double-sided printing the default setting on all laptops - September 2009
- Expand electronic option for all school notices and invitations - September 2009
- Adopt a school-wide waste management plan, tracking progress regularly - June 2010
- Increase recycling of all plastic, aluminum, paper and glass - Ongoing
- Obtain bins for compostable items (in kitchen, cafeteria, and locations for social events) – September 2009
- Reuse classroom items - Ongoing
- Reduce paper use - Ongoing
- Monitor printer use - Ongoing

Energy

- Use natural light when possible - Ongoing

PLANT OPERATIONS

Landscaping

- Change mowing schedule - September 2009
- Establish more xeriscaping - September 2010
- Establish a “seed/starter garden bank” - September 2010
- Solicit donations of plants from private gardens - June 2010
- Provide spaces for outdoor classes and relaxation - September 2010
- Use gardens as repository for compost - June 2010
- Produce more fruits and vegetables, and obtain locally grown produce from the Farmer’s Market, for the cafeteria - September 2012 or sooner

Energy

- Decrease electricity use through re-commissioning, education and conservation measures - Ongoing
 - Reduce electrical bill by \$1000/month - 2009-2010 school year
- Re-evaluate the times the buildings shut down at night - September 2009
- Identify parents who can assist in energy audits - September 2009
- Adjust thermostat seasonally - September 2009
- Reduce consumption of natural gas - December 2009
- Invest in new wind power or other renewable energy sources - December 2009

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- Turn outside lights off completely during the summer months by June 2010
- Continue Green Cup Challenge and monitor usage in succeeding months - January 2010
- Produce electricity at McCarthy Campus with solar panels - June 2010
- Build new campus according to LEED guidelines - June 2014

Water

- Reduce irrigation - September 2009
- Install reduced-flow faucets and sinks - June 2011 or sooner
- Install reduced-flow toilets and recycled water urinals - June 2011 or sooner

Cafeteria

- Research and apply for grant for Earth Tub composter – June 2009
- Implement process to begin composting of kitchen waste – December 2009
- Compost all kitchen and cafeteria (prep and plate) waste - September 2010
- Address packaging and portions related to food and drinks - June 2010
- Incorporate more fresh, local and seasonal food - June 2010
- Make nutrition, food, and school lunch an integral part of our education - June 2011

Rev. 10/10

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