



## Eastlake High School

**School district:** Lake Washington

**School location:** Sammamish

**Began participating in the Green Schools Program:**  
September 2016

**Level One of the Green Schools Program:**  
Achieved in January 2017

**Level Two of the Green Schools Program:**  
Achieved in May 2018

**Level Three of the Green Schools Program:**  
Achieved in May 2019

### Waste Reduction and Recycling (Level One)

- Eastlake High School achieved a 41% recycling rate, thanks to the practices and outreach described below.
- The school started to collect food scraps and other compostable materials in its cafeteria.
- The student Eastlake Environmental Club:
  - Created a video on composting shared at the freshman assembly to teach incoming students how to sort their waste.
  - Trained 120 Science Honor Society students how to monitor cafeteria sorting stations.
  - Promoted collection of compostable materials at pancake breakfasts held for one week.
- Signs and stickers were posted around the school to encourage students and staff to recycle, and to show which materials go in which bin.



Student Green Team members proudly show their King County Green Schools banner.



Earth Day celebration poster



King County Green Schools Program

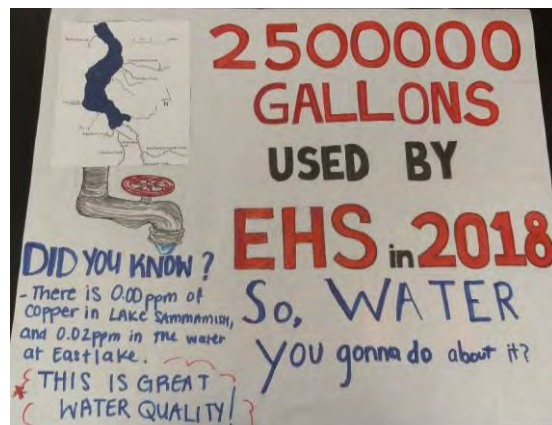
# Success Story

Reduce • Reuse • Recycle • Rethink

- The school encouraged waste-free lunches, including reducing wasted food and bringing lunches from home in reusable containers.
- School and PTSA bulletins were sent electronically rather than printed.
- Environmental Club members monitored cafeteria sorting stations at lunch and helped students correctly sort their materials.
- During Earth Week, Eastlake High organized Tupperware Tuesday and Water Bottle Wednesday events to encourage students to bring reusable containers and water bottles to reduce the number of single-use containers thrown out during lunch.
- The school news program, Pack News, made an announcement about basketball players recycling correctly by tossing objects into the right bin.
- Environmental Club students designed posters for recycling, composting, and garbage bins, and the signs were made by Lifetouch Studios.



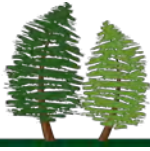
Storm drain stencils



Water use poster created by students

## Energy Conservation (Level Two)

- While continuing its waste reduction and recycling practices, the school learned about energy conservation practices.
- “Turn off Lights” and “Turn off Equipment” signs from the Green Schools Program were posted near light switches and equipment to encourage students and staff to turn them off when they were not needed.
- In morning announcements and in an instructional video, the Green Team educated the school about energy conservation practices.
- Teachers turned off lights and equipment when not in use, and used natural daylight rather than electric lights whenever possible.



King County Green Schools Program

# Success Story

Reduce • Reuse • Recycle • Rethink

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- All Eastlake computers were programmed with timers to shut down automatically after 15 minutes of not being used.
- Student teams encouraged staff to save energy by getting rid of all personal appliances in offices and classrooms.
- Students and staff were encouraged to dress appropriately for the season rather than adjust the thermostat.
- The district resource conservation manager regularly checked the school for energy waste, and students received summary reports after each inspection.
- On Earth Day, over 50 students participated in the Munch on Pancakes event where they guessed how much energy it took to make a pancake. The winner received a solar-powered phone charger.

## Water Conservation (Level Three)

- Environmental Club students
  - Measured the water pH level and copper content from school taps and Lake Sammamish. They created a poster with this information and the school's water use data to educate the school community.
  - Measured water flow from 21 sinks throughout the school and reported the findings to Vice Principal Todd Apple.
  - Created a world map poster with information about the largest sources of water in each country and continent, and posted it near water fountains.
  - Worked with City of Sammamish to stencil storm drains around the school. Each stencil read "Only rain goes down the drain" with a salmon image.
- Student water conservation patrol members regularly reported leaking toilets and water fountains to administrative staff for repair.
- In 2018, the school saved \$670 in annual water costs and \$2,570 in sewer charges.