
Sustainability Plan Report

Sept. 26, 2018

— Facilities Department and —
Sustainability Consultant Susan Silber

Our Vision

We will ensure that all Berkeley students have access to healthy, green school buildings and grounds and hands-on environmental and outdoor education.

Eco-Literacy



Facilities



Sustainability and Resiliency

State of California:

- Blueprint for Environmental Literacy of 2015(CA Department of Education)
- Governor Brown: carbon neutrality by 2045; 100% renewable energy by 2050

City of Berkeley:

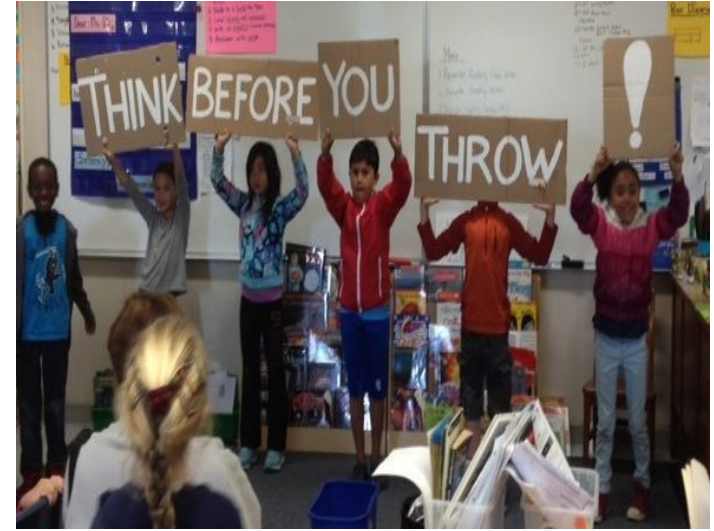
- Climate Action Plan (2009), Resiliency Plan (2014), Climate Emergency declared in July, 2018

School District Sustainability Plans and Initiatives:

- San Mateo County, SFUSD, OUSD, Denver, Philadelphia, etc.
- Green School Alliance: 21 school districts formed together to leverage collective buying power & support district-wide sustainability efforts

Sustainability Plan Goals

- Reduce BUSD's environmental footprint while becoming more resilient to the growing effects of climate change
- Save money by saving resources
- Support Next Generation Science Standards



Sustainability Consultant Work

COMMUNITY ENGAGEMENT:

- Held nine meetings with BUSD Community Members
- Surveyed participants with 439 respondents
- Organized & led summer internship program for 12 BHS students

STAKEHOLDER MEETINGS:

- Met with the Facilities, Educational Services, Transportation, Nutrition Services, Cooking and Gardening, the Safety and Maintenance Oversight Committee, members of Cabinet, City of Berkeley staff and local industry experts to gather information and to elicit input
- Met with the Facilities Maintenance Manager on a weekly basis

EXTENSIVE RESEARCH

- Investigated sustainability efforts in other districts
- Investigated funding opportunities

Sampling of Survey Results

ALL GROUPS: How crucial do you feel it is for students to learn about climate change, environmental justice and other topics related to sustainability?

- 85% extremely urgent
- 10% somewhat urgent
- 5% fairly important
- 0% not important at all

ALL GROUPS: Please check off any barriers preventing the integration of projects or teaching related to sustainability

- 90% The teachers' curriculum is jam-packed and the school doesn't have time to prioritize environmental literacy projects or programs.
- 33% Not enough funding for projects
- 33% Not enough professional development related to sustainability
- 47% Not enough support from custodians or other staff

PRINCIPALS: Share your bold vision for a more sustainable school and district!

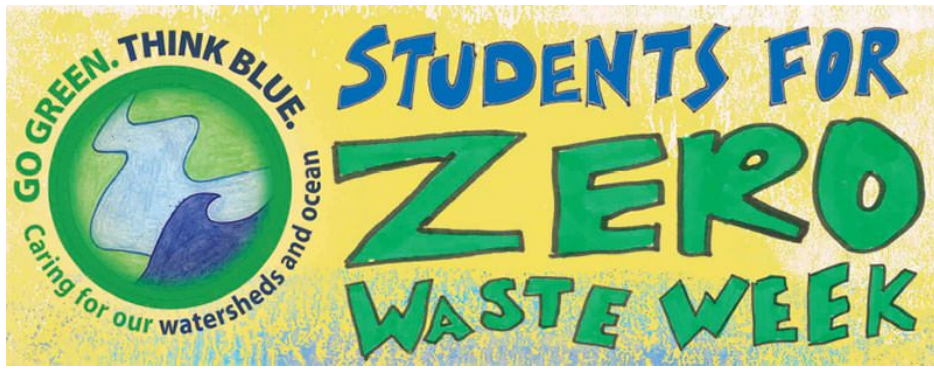
- I would like to see attention to basic operational and facilities decisions that impact our carbon footprint
- Universal breakfast/lunch utensils and packaging could all be composted or reused
- I would like to see how we can incorporate sustainability into the already existing state standards

Sustainability Plan Topics

1. Green building materials
2. Transportation
3. Water
4. Energy
5. Waste reduction
6. Nutrition services
7. Schoolyards
8. Eco-literacy, nature-based and climate change education

Strategies for Implementation

- Funding
- Sustainability committee
- Green teams
- Professional development
- Green classrooms, Green schools
- Phases: I (Jan. 2019-June 2020), II (2020-22) and III (2022 and beyond)



Progress Made This Year

Benchmarking

- Began process for benchmarking utility usage and expenditures using a LEED (Leadership in Energy and Environmental Design)- certified energy management and sustainability performance software (ARC)

Master Plan

- Met with Facilities Master Plan consultant to share vision of integrating sustainability themes into Master Plan

Waste Reduction

- Obtained \$20,000 in funds for the implementation of our waste reduction plan

Next Steps

- Begin implementation of the waste reduction plan in October utilizing grant funding already obtained
- Present final consultant recommendations at the November 14 Board meeting, including funding
- Create a Sustainability Committee to further research and develop the plan of action for each category, including the study of fiscal impact

