



LOS ALTOS
HIGH SCHOOL
GREEN TEAM

5/10/2021

Agenda



1. Green Ribbon School Award
2. Green Team

Green Ribbon School Award

Audrey Chang & Margaret Capetz

Current Presidents

Credits go to....

MVLA Board

LAHS Admin and Teachers

GreenTown Los Altos

Acterra

Recology

Powerflex

SVCE

Green Mouse Recycling

BAAQMD

Past Green Team Leaders

Los Altos City Environmental Commission

Valley Water

PTSA & Go Green Sustainability Committee

Los Altos City Council

Seven Bottle

Community Health Awareness Council

District, Architects and Construction Management

Site and District Facilities Director

Plug In America

And many more...



What are Green Ribbon Schools?

The U.S. Department of Education's Green Ribbon Schools (ED-GRS) recognition honors schools, school districts, and Institutes of Higher Education for excellence in resource efficiency, health and wellness, and environmental and sustainability education.



Process

Wynne
Satterwhite
identifies
GRS
Application



LAHS *receives*
Silver Medal for
California Green
Ribbon Schools

LAHS named 2021
Green Ribbon
School by *U.S.*
Department of
Education

2018

Anya Gupta, Greg
Stoehr, Galen
Rosenberg, Sybil
Cramer *write*
application

2019

2020

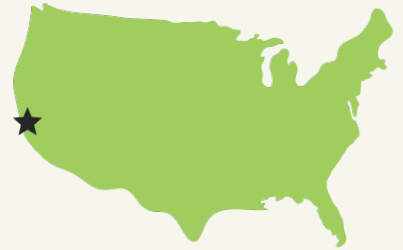
Audrey Chang,
Margaret Capetz,
Michael Young
work with adm in
and staff to *revise*
application

2021



2021 US ED Awards - California

- Fryberger Elementary School
- May Ranch Elementary School
- Theodore Roosevelt Elementary School
- **Los Altos High School**
- The Nueva School (private)



LAHS is recognized out of **10,315** schools in California (**top 0.05% statewide**), **130,930** schools in the nation (**top 0.02% nationwide**).

Pillar 1
**Reduced
Environmental
Impacts and Costs**

- Energy
- Water and Grounds
- Waste
- Alternative
Transportation

Pillar 2
**Improve the
Health and
Wellness of
Students and
Staff**

- Environmental Health
- Nutrition and Fitness

Pillar 3
**Effective
Environmental
and Sustainability
Education**



- Interdisciplinary
Learning
- STEM Content,
Knowledge, and Skills
- Civic Knowledge and
Skills

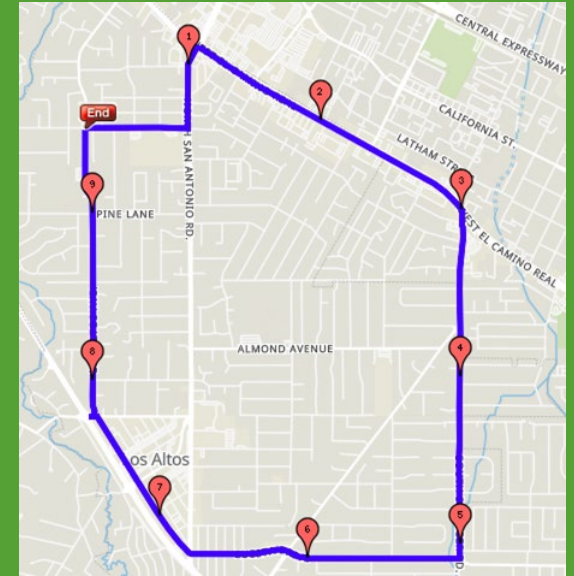
Pillar 1

Reduced Environmental Impacts and Costs

- Energy
- Water and Grounds
- Waste
- **Alternative Transportation:**
 - Student parking**

Student Parking Permit Limits, 2017-2020

Encourages biking/walking, reduces traffic and carbon emissions



Pillar 1
**Reduced
Environmental
Impacts and Costs**

- Energy
- Water and Grounds
- Waste
- **Alternative
Transportation:
Idling/Air pollution**

Anti -Idling Campaign, 2018-present

80% reduction of on-campus idling
Collaborated with City of Los Altos, GreenTeam Los Altos



Pillar 1
Reduced
Environmental
Impacts and Costs

- Energy
- Water and Grounds
- **Waste** : Plastic bottles
- Alternative
Transportation

Plastic Water Bottle Ban, 2019-20

2500+ water bottles purchased by PTSA and LAHS to zero
Collaborated with PTSA, cafeteria and LAHS admin to stop
purchasing water in plastic bottles



Pillar 1
**Reduced
Environmental
Impacts and Costs**

- Energy
- Water and Grounds
- Waste
- Alternative
Transportation

Climate Resolution, 2020

Collaborated with Citizens' Climate Lobby, Schools for Climate Action. Presented to the Board.



Citizens' Climate Lobby



Herbicide, 2019-present

16 alternatives researched
Collaborated with
Associated
Superintendent Business
Services



Pillar 2 Improve the Health and Wellness of Students and Staff

- Environmental
Health:
Pesticide/Herbicide
- Nutrition and
Fitness: Student
Clubs

Fitness Clubs



LAHS Yoga
Club



LAHS Bike
Club



LAHS
Spikeball
Club

Community Service, ongoing



Marsh Clean



Beach Clean Up



Tree Planting with GreenTown Los Altos

Pillar 3 Effective Environmental and Sustainability Education



- Interdisciplinary Learning
- STEM Content, Knowledge, and Skills
- Civic Knowledge and Skills: **Community**


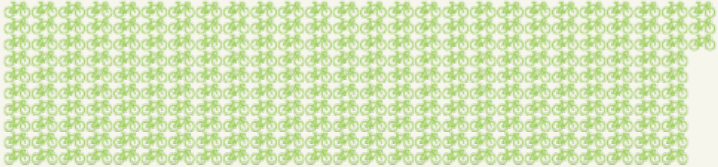

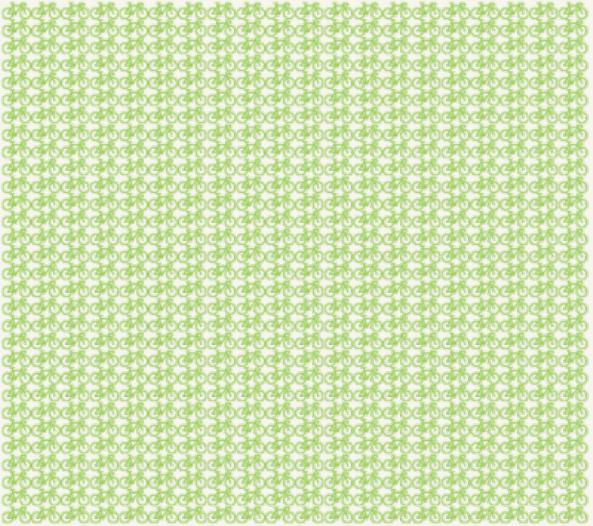
MVLA District Support for Sustainability

LEED Gold -certified 900 wing



Solar Panels in Parking Lot

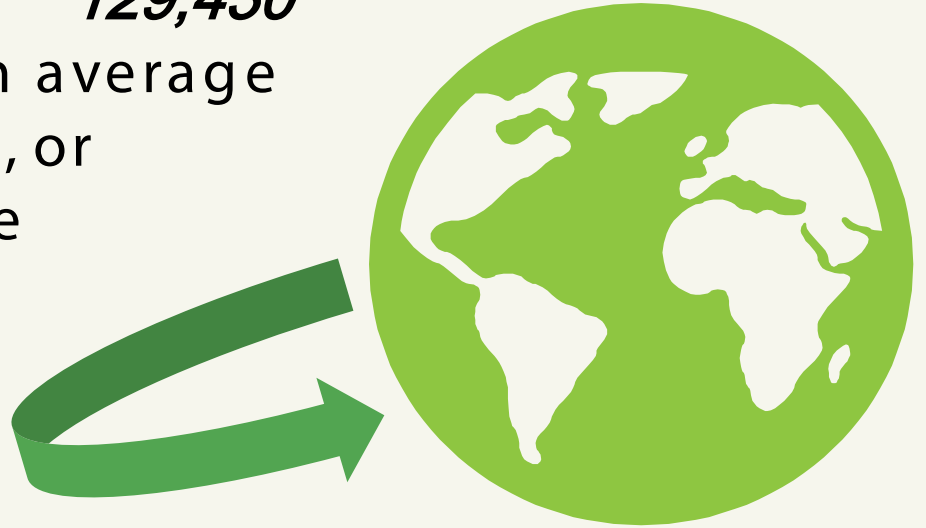
Case Study

<i>2014-2015 school year</i>	<i>2020</i>
<p>0 electric cars driven to LAHS by staff</p>	<p>27 electric cars driven to LAHS by staff</p> 
<p>253 bikes ridden to LAHS by students</p>  	<p>600+ bikes ridden to LAHS by students</p> 

Case Study

51.5 metric tons of greenhouse gas emissions reduced annually comparing transportation in 2015 to 2020.

That's equivalent to **129,430 miles** driven by an average passenger vehicle, or driving around the Earth **5.2 times** .



Looking Forward



Club level

Expand involvement

Diversity



LAHS level

Environmental Justice

Zero Waste

Tree Planting



District level+

Climate Equity

Green initiatives for MVHS,
LASD, MVWSD

Inspire other districts

Questions?