



lbusd.org/sustainability



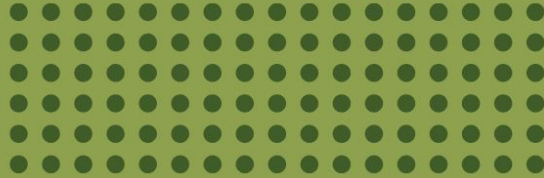
LBUSD **ENVIRONMENTAL LITERACY**

2026 Annual Update

Board Resolution 22-04
BP 6142.5 Environmental Education
BP 3510 Green School Operations



LAGUNA BEACH
UNIFIED SCHOOL DISTRICT



Vision and Commitment

LAGUNA BEACH UNIFIED SCHOOL DISTRICT BOARD OF EDUCATION
Resolution No. 22-04
In Support of Earth Day, Climate Action,
Environmental Literacy and Sustainability

WHEREAS, each year people from around the globe celebrate Earth Day, the environmental movement to raise awareness of the health of our shared planet; and

WHEREAS, climate crisis will result in rising sea levels, drought, extreme weather events, massive wildfires, food and water insecurity, which will threaten all children, but particularly children in vulnerable populations in communities without resources to adapt to such challenges or relocate away from them; and

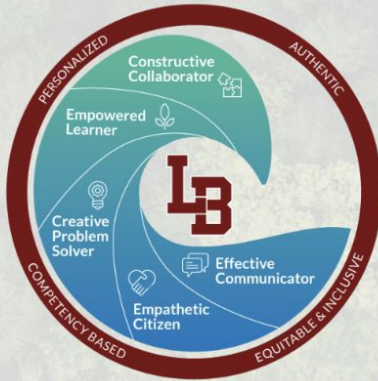
WHEREAS, a critical mission of LBUSD is to develop students and graduates that are aware not just of the immediate impact of their and others' actions on themselves and their immediate environment, but also the impact of their and others' actions on vulnerable populations of the nation and the world; and

WHEREAS, schools in California and nationwide have the potential to effect positive, tangible environmental change while preparing students in their careers and civic life to be stewards of their communities and the earth; and

WHEREAS, the Organic Waste Methane Emissions Reduction Act of 2021 (Senate Bill 1383) is a bill that sets goals for the state to reduce disposal of organic waste in landfills, including edible food, and provides that districts implement a composting program themselves or with their waste services provider; and

WHEREAS, the implementation of the Next Generation Science Standards provides an opportunity for students to engage in real-world inquiry and application of science skills in understanding and addressing climate change, and the California Environmental Principles and Concepts (EPR&Cs) are cross cutting concepts that teach all curricular areas and in 2016, the EPR&Cs were integrated into the revised California History-Social Science and the new California Science Frameworks; and

WHEREAS, environmental initiatives can yield benefits for our Laguna Beach community such as safe and healthy transportation to and from school, improved air and water quality, workforce development, and set an example



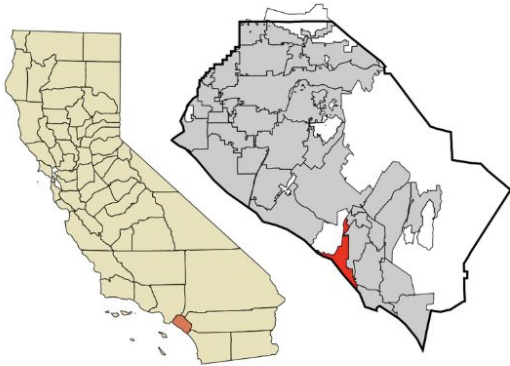
CALIFORNIA



LAGUNA BEACH
UNIFIED SCHOOL DISTRICT



Environmental Context to Drive Instruction



Pollution Burden

32%

Laguna Beach falls in the 32nd percentile pollution burden according to CalEnviroScreen.

Air Quality & Wildfire Risk



Regional air pollution from the LA Basin combined with wildfire smoke exposure and increasing unhealthy air days.

Water & Coastal Impacts



MPAs

Drought and reliance on imported water, with runoff affecting marine protected areas and coastal erosion impacting bluffs and beaches.

Infrastructure & Waste Systems



Waste generation spikes tied to tourism and challenges related to aging and historic infrastructure.



LBUSD

Sustainability Goals



Goal 1

**Reduce
Environmental
Impacts and Cost**

Goal 2

**Improve Health
and Wellness of
Students and Staff**

Goal 3

**Provide Effective
Environmental
Education**

LBUSD is dedicated to achieving carbon neutrality and becoming a zero-waste district by advancing environmental literacy among TK-12 students and staff, empowering them with the knowledge, skills, and motivation to understand environmental systems and take responsible actions toward sustainability.

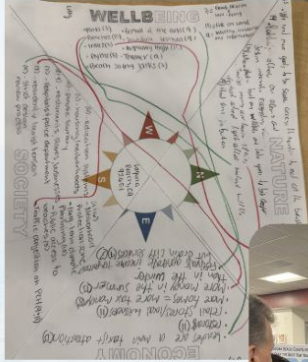


Curriculum | Community and Culture | Campus



Goal 1:

Reducing Environmental Impacts and Costs





Goal 2

Improve Health and Wellness for Students and Staff



Goal 3

Provide Effective Environmental Education to All Students



16 Green Gatherings this school year, 85+ teachers

- **Storytelling Change and Impact with GIS**
- **Civic Voices in Action**
- **Systems Thinking for Sustainable Futures**
- **Green Time vs. Screen Time**
- **Revisit, Refresh, Realign**



AB 285: Climate Change Instruction

- **The bill amended California Education Code (EC) sections 51210 and 51220, requiring instruction in climate change for grades one to twelve.**



Unit Design with Added Sustainability Component

- **Measured by The 17 UN Global Goals**
- **Added Incentive**
- **Learner Profile and Vertical Articulation**

Teachers	UNITS	Sustainability
114	250	109



LBUSD CA State Seal of Civic Engagement Recognition to Expand



CALIFORNIA ENVIRONMENTAL LITERACY INITIATIVE



GREEN SCHOOLS NATIONAL NETWORK



Laguna Beach High School

Green Ribbon **Gold** Recognition



Score

85%

Bronze: 55.0 - 64.9%

Silver: 65.0 - 74.9%

Gold: 75% or better

Green Achievers: The highest achievement, given to the ED-GRS nominees



BIG PICTURE APPLICATION SECTIONS		
Narrative Questions		Cross Cutting Questions - 5 Points
GREEN RIBBON SCHOOLS AWARD PILLARS		
PI - Reduce Environmental Impacts and Costs - 30%	PII - Health and Wellness of Students and Staff - 30%	PIII - Provide Effective Sustainability Education - 35%
Pillar I-II Project Management Template		Pillar III Project Management Template
Element IA - Application Questions: Reduced or eliminated greenhouse gas (GHG) emissions – energy, buildings 15 points	Element IIA - Application Questions: Integrated school environmental health program – integrated pest management, contaminant controls and ventilation, asthma control, indoor air quality, moisture control, chemical management 15 points	Element IIIA - Application Questions: Interdisciplinary learning about the key relationships between dynamic environmental, energy, and human systems 20 points
Element IB - Application Questions: Improved water quality, efficiency, and conservation – water, grounds 5 points	Element IIB - Application Questions: Nutrition and fitness – fitness and outdoor time, food and nutrition, coordinated school health 15 points	Element IIIB - Application Questions: Use of the environment and sustainability to develop STEM content, knowledge, and thinking skills 5 points
Element IC - Application Questions: Reduced waste production and hazardous waste 5 points	Element ID - Application Questions: Use of alternative transportation 5 points	Element IIIC - Application Questions: Development and application of civic knowledge and skills 10 points

Goal 1: Highlights and Celebrations

Before



After



Energy



Water and Grounds



Waste



Alternative Transportation

Goal 2

Highlights and Celebrations



IEQ - Indoor Environmental Quality



Nutrition



Outdoor Spaces and Gardens



Physical and Mental Health



Goal 3

Highlights and Celebrations



Interdisciplinary Learning



Policies and Partnerships



STEM and CTE



Civic Engagement and Student Advocacy



Laguna Beach
High School

lbhs.lbusd.org/academics/flow

INTERDISCIPLINARY LEARNING

LBHSFLOW



**FIRE
LAND
OCEAN
WATER**





Laguna Beach
High School



CA STATE SEAL OF CIVIC ENGAGEMENT

- Provided by the California Department of Education
- Recognizes LBHS students who demonstrated:
 - Civic education and participation
 - Working towards and advocating for meaningful solutions to a community or social problem
- A seal is placed upon a high school diploma, and students are recognized by earning a medallion (as seen in the photo).





Laguna Beach
High School

THE BENEFITS OF THE SSCE

The State Seal of Civic Engagement offers students valuable opportunities for growth and recognition. It highlights their leadership and commitment to making a positive difference in our community by:



Recognition
of Leadership



Empowered
Voice



Community
Impact

81

2026 Grads
have already
earned the
seal!



ENVIRONMENTAL
ACTION & CLIMATE
RESILIENCE



COMMUNITY
WELLNESS &
PUBLIC HEALTH



HUMAN RIGHTS &
SOCIAL JUSTICE



CREATIVE
EXPRESSION &
STORYTELLING



LBUSD

Sustainability Goals



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