



# Alameda Green Schools Challenge

90% Solution

---

# Alameda Green Schools Challenge

- Created in 2009 at 5 pilot schools (Bay Farm, Edison, Otis, Paden, and Chipman)
- Obtained multi-year grant for containers and equipment
- Full implementation districtwide in 2012
- Achieved 65% diversion in 3 years
- Golden Bell Award in 2014
- Supported Green Ribbon School applications for Bay Farm and ASTI

# 90% Solution Project

- Goal to reach 90% diversion by 2020
- Designated a StopWaste “Priority Partner” district
- Obtained a multi-year grant for Green Program Facilitator

# Mini-bin Project

- Mini-bins in schools (Bay Farm, Edison, Lum, Otis, Paden) and District Office
- Rolling out to all elementary and middle schools in 2017-18



# Right-Sizing Project

- Increased recycling and composting
- Reduced trash volumes
- Recommended changes resulted in 70% diversion districtwide in 2016



# Plastic Waste Reduction

- Eliminated “spork” packets
- Eliminated straws
- Reduced single-use condiments



# Food Waste Reduction

- Formalizing “Food Share” tables
- Donating surplus food





# Custodial Training





School	2008 Diversion Rate	2017 Diversion Rate	Landfill Pounds per Student per Day
Academy	38%	72%	0.9
ACLC/Nea	50%	63%	0.5
Alameda High	36%	60%	0.5
Bay Farm	20%	76%	0.3
Earhart	65%	60%	0.8
Edison	50%	80%	0.4
Encinal	50%	65%	0.6
Franklin	50%	62%	0.5
Haight	67%	80%	0.5
Island/WCDC	40%	50%	1.2
Lincoln	31%	67%	0.6
Lum	43%	71%	0.5
Maya Lin	67%	77%	1.0
Otis	43%	79%	0.3
Paden	38%	73%	0.6
Ruby Bridges	19%	60%	0.9
Wood	65%	83%	0.8
Districtwide	41%	70%	0.6

# Blueprint for Environmental Literacy

- AUSD is a Change Scale Inaugural District



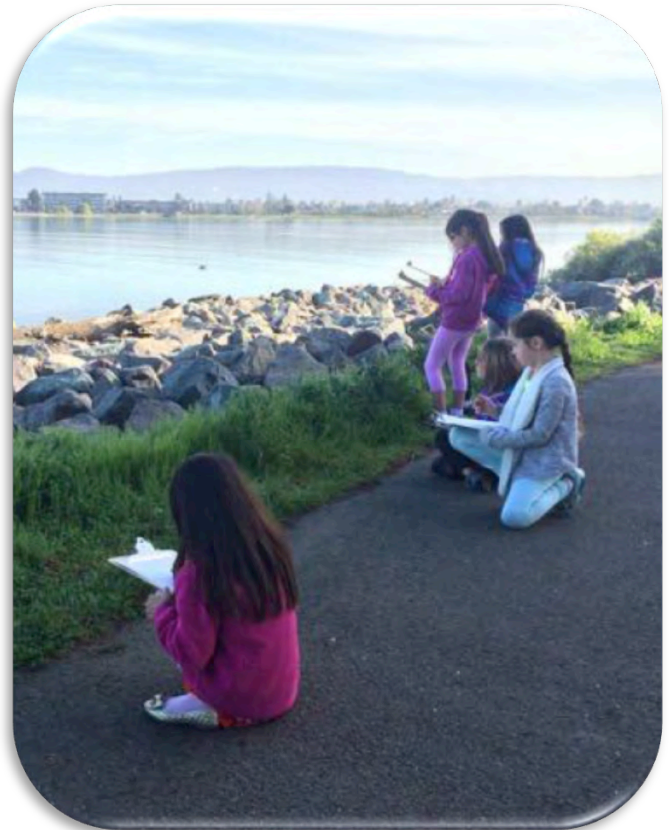
# AUSD's Vision for Environmental Literacy

- Every student in Alameda will feel connected to the outdoors through regular and consistent field trips, access to service learning experiences, and integrated classroom and field-based experiences.
- Through scientific inquiry, critical thinking, and environmental know-how, students will graduate prepared to solve the world's environmental problems.
- To support this vision, AUSD will provide:
  - A garden at every elementary school
  - A nature center at every high school



# Environmental Literacy Planning

- Cultivating cohesive provider network
- Teacher Institute this summer
- Additional paid teacher time to articulate connections between environmental literacy, existing curriculum, state standards, and provider programs
- Create “Supporting Environmental Literacy Experiences” plan that identifies environmental literacy themes at every grade, classroom-based units, and provider programs





# Supporting Environmental Literacy Experiences

Grade	Env Lit Focus	Env Lit Experience	FOSS	EEI
<b>K</b>	How Organisms Survive	Schoolyard Experience	Trees & Weather	
	Structure & Function		Animals 2x2	The World Around Me
<b>1</b>	Weather	Walking trip to Bay	Air & Weather	
	Natural Resources		Plants & Animals	Surviving & Thriving
<b>2</b>	Weathering & Erosion	Crab Cove or LMS Nature Center	Pebbles, Sand, & Silt	The Earth Rocks
	Growth & Development		Insects & Plants	

# AUSD Sustainability Resolution

- Updates 2008 Green Schools Resolution
- Recognizes efforts of school sites, district staff, and community partners
- Reinforces commitment to continuous improvement
- Supports efforts of District Green Team and School Site Go Green Coordinators