

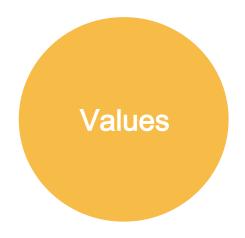
SEIBUILDING LEADERS FOR A RESILIENT WORLD



Building leaders to accelerate climate solutions



A resilient world where all communities thrive

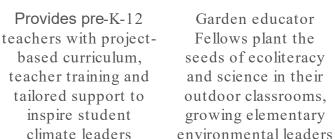


We are committed to impact; we are networkers and collaborators; we are inclusive and just; we are always learning; we are one team.

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SEI's Flagship Programs







A flexible bridge-tocareer fellowship program working for higher education institutes, governments, nonprofits, and forprofit businesses





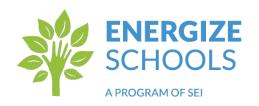
Builds climatefocused communities
of practice across
campuses and gives
students hands-on
internships and
academic learning
experiences



Creates a diverse energy and climate workforce through industry-advised training of people who experience systemic barriers to high-wage jobs



Career





Problem to Solve: Students are not building needed climate solution leadership skills, largely because schools and teachers do not have the resources needed to confidently engage students with climate solutions.



Our Solution: Students will be best equipped to drive climate solutions in the future by engaging with climate issues in the present.

We provide resources, partnership, and training. We begin with easy-to access challenges, then grow into deeper climate education through project-based curriculum and professional development.



Answer in the Chat:



How comfortable do you feel teaching about climate solutions?

Provide your answer from 1-5, with 5 being most comfortable!



Student-led Challenges

- Challenge resources are designed to be flexible, minimizing burden on teachers.
- Students learn about environmental issues and then receive guidance as they take action to improve their local environment!
- Often, these challenges are the beginning of fruitful collaborations.





From Challenges to Projects in San Diego

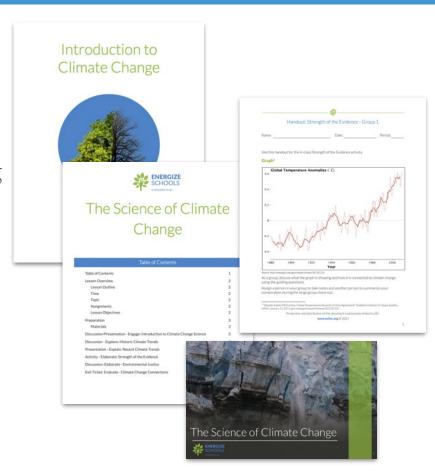
- High Tech High International first signed up for our Energy Challenge in 2016.
- SEI projects have become a core part of the school's project-based curriculum and students have engaged in a variety of field trips, presentations, and more!
- This school year, students improved indoor air quality by building and delivering air purifiers to their school community.





SEI's Curriculum Library

- Hundreds of NGSS-aligned units on sustainability, energy, climate change, and more!
- Ready-to-use, including the following elements:
 - Educator Unit Outline
 - Educator Instructional Guide
 - Presentation Slides
 - Student Handouts





Activating Campuses as Living Labs

- The Zero Waste Schools program provides classroom presentations, facilities support, and guidance for student Green Teams to properly manage waste at schools.
- Collaboration with ForeFront Power, a utility-scale solar provider, allows us to turn infrastructure upgrades into learning opportunities.





Building Career Pathways in the Bay Area

- SEI has worked with Antioch High School, in the East Bay Area, since one teacher signed up for programs in 2018.
- Now, Antioch High School has a green careers CTE pathway made up of SEI's two full-year courses, Innovations in Green Technology and Energy and Environmental Design.
- Over 250 students take these courses each year.





The School of Environmental Leadership

- The Marin School of
 Environmental Leadership builds
 environmental leadership through
 a project-based high school
 education
- Students complete hands-on learning through projects that make a tangible change on their campus.





Answer in the Chat:



What kinds of resources would be most helpful for you in engaging students with climate solutions?



Preparing Students for Tomorrow's Careers

- Every job is a climate job, including the roles of consumer and citizen.
- Green jobs are growing faster than the rest of the economy.
- We can prepare students by encouraging their love of nature and providing high-quality Career and Technical Education.
- Making use of school campuses as living labs gives students opportunities to practice these skills and grow into leaders.









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