

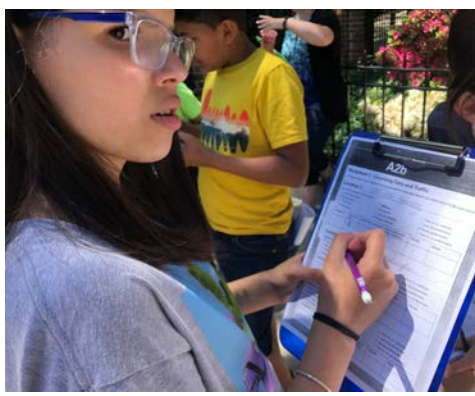


ENVIRONMENTAL LITERACY

Establishing sustainability as an integral part of every child's K-12 learning experience

# CEL F Citizen Science: Inquiry to Action

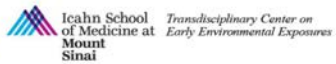
*An Interdisciplinary Place-Based Education Project*



*Inquiry \* Collection \* Analysis \* Collaboration \* Innovation \* Action*

- Implement a project-based STEAM learning unit.
- Participate in two professional learning workshops paired with on-site educator support.
- Collect data with AirBeam monitoring technology combined with HabitatMap crowd-sourced data sharing platform.
- Focus on air-quality while learning pedagogical principles that apply to a range of citizen science learning opportunities.
- Engage with local concerns through student-led inquiry.

Project Partners:



Children's Environmental Literacy Foundation  
[www.celfeducation.org](http://www.celfeducation.org)



*This program is totally what the NGSS is looking for: a student-driven project, relevant to their community, where students are investigating, and looking deeper into a problem using all of the science skills we have to teach them during the year.*

**-Debra Amoroso, Myra S Barnes I.S. 24, 7th grade**



*This program connected with both my chemistry unit and my ecology unit. It was part of my students' classroom learning and not something separate. The program inspired much deeper discussions with students on environmental justice, something I've been working on for a while and this project allowed me to deepen these conversations.*

**-Anna Mello, The Chapin School, 5th grade**

*As a result of CELf's program, my students realized how much they can contribute and educate people around them so that all living things can have a sustainable life. Through researching and examining air quality in the neighborhood, and the causes and effects of air pollution, they woke up to how they could immediately start acting to ensure a healthier future.*

**-Celenia Nivar, Central Park East II, 7th grade**



**EXPERIENTIAL LEARNING \* SYSTEMS THINKING \* PLACE-BASED EDUCATION**

