



Children's Environmental Literacy Foundation

TAKING ACTION TOGETHER: CIVIC SCIENCE: INQUIRY TO ACTION

BUILDING ENVIRONMENTAL LITERACY THROUGH INQUIRY AND CIVIC ACTION

CELF's Civic Science program cultivates STEAM skills of data literacy, systems thinking, teamwork, and much more through guided implementation of CELF's Inquiry to Action framework, inviting students to develop their own place-based inquiries to drive learning through hands-on exploration of local sustainability and environmental justice challenges.

Program Overview: The program is designed as a cross-curricular integrative approach, engaging students as environmental health researchers to collect, analyze and compare data to identify sources of pollution and other sustainability challenges, connect them to human behavior, and develop actionable prevention and remediation plans for their communities. Through authentic research-based learning experiences, students engage in personal and collective actions that help improve their local neighborhoods and community health.

We're recruiting! You can take part:

- **Engage in a regional Civic Science program kick-off (in-person)** to develop student inquiry projects for implementation during the 2023-2024 academic year.
- **Receive year-round support** to ensure successful implementation of Civic Science student projects. This includes: virtual sessions with teachers from across the country, focusing on data analysis, mapping, and digital storytelling; one-on-one coaching support; digital curricular resources on various pathways of study; and office hours to engage with peer teachers on planning and exchange of best practices.
- **Present with your students at one of CELF's Student Symposiums in Spring 2024.** Youth will gather to present their Civic Science research projects, data findings and pollution prevention and remediation plans with community stakeholders and decision-makers.
- **Be eligible for field trip funding and a stipend** for completion.
- **Create opportunities for civic action in your community.**

CIVIC SCIENCE: INQUIRY TO ACTION FRAMEWORK



STEP 1 | INQUIRY

STEP 2 | DATA
COLLECTION



STEP 3 | ANALYSIS

STEP 4 |
COLLABORATION



STEP 5 | INNOVATION

STEP 6 | ACTION



Interested in joining us for the 2023-24 school year?
Email rowena@celfeducation.org for more info