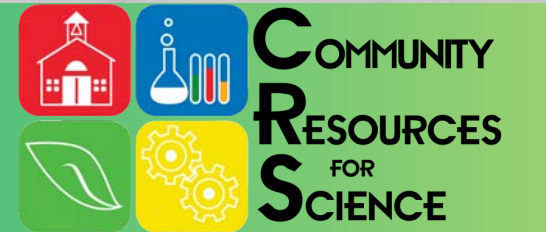
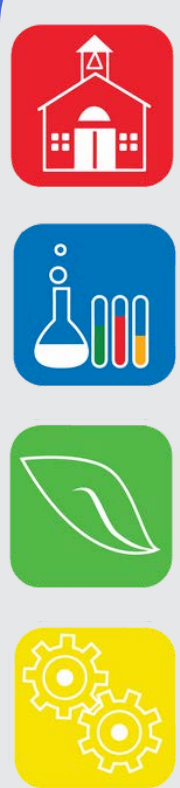




2024-2025 STEM Industry Briefing





The Community Resources for Science Mission

The mission of CRS is to empower teachers and STEM professionals serving schools in historically marginalized communities to activate TK-8 students' curiosity about the world, foster critical thinking, and inspire children to imagine future career pathways. We envision a community of educators, scientists, families and partners working together to build school cultures that equip all children to explore the world around them and build the skills needed to become innovators, problem solvers, environmental stewards, life-long learners and leaders. CRS and STEM industry partners work together to transform science teaching and learning toward greater equity, opportunity, and success for all students.

STEM Industry Partnerships Are Vital

Bay Area Scientists Inspiring Students

STEM industry partners give back to their community through CRS' science outreach programming, donating their time and expertise to inspire thousands of elementary students in East Bay schools to foster students' sense of belonging in STEM.

Financial Support

Local STEM industry financial support helps CRS provide teachers with science workshops, tailored trainings, classroom materials and science-inspired literature, making a direct impact on elementary science teaching and learning.



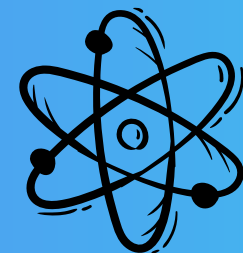


Outreach with Impact in 2024-25

STEM Industry Partners conducted outreach across many East Bay school districts this school year, leading **140+** lessons in **45** schools, directly impacting **4,000** elementary and middle school students.



120+
STEM Professionals



22+
Companies



Thank you! Financial sponsorship from these partners allowed CRS to serve nearly 2,000 teachers, impacting learning for 45,000 students!



Thank you to employee groups at the following companies who directed contributions to CRS:

- The Clorox Company Employees**
- Genentech Employees**
- Google Employees**
- Synopsys Employees**
- Turner Construction Employees**

Thank you to these partners for in-kind contributions in 2024-25:

- EBMUD**
- Hands On Bay Area**
- Science is Elementary**



Led 4 BASIS Lessons exploring carbon sequestration, reaching 100+ Berkeley elementary students.



You led 2 BASIS lessons, exploring simple circuits and engineering with catapults, reaching 50+ Berkeley and Oakland elementary students!

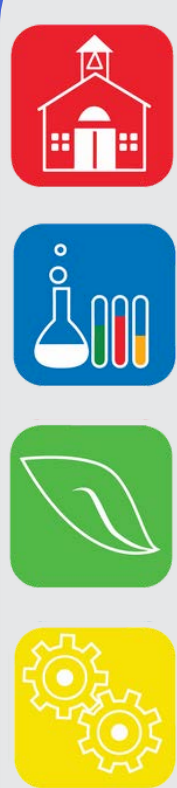


Led 5 Storytime with a Scientist Lessons exploring engineering, reaching 125+ students across Berkeley and Oakland.



"I think it's really important to inspire future generations of scientists and engineers so that the STEM industry as a whole can continue to thrive in the in the future."

- Jeff, Amyris Employee



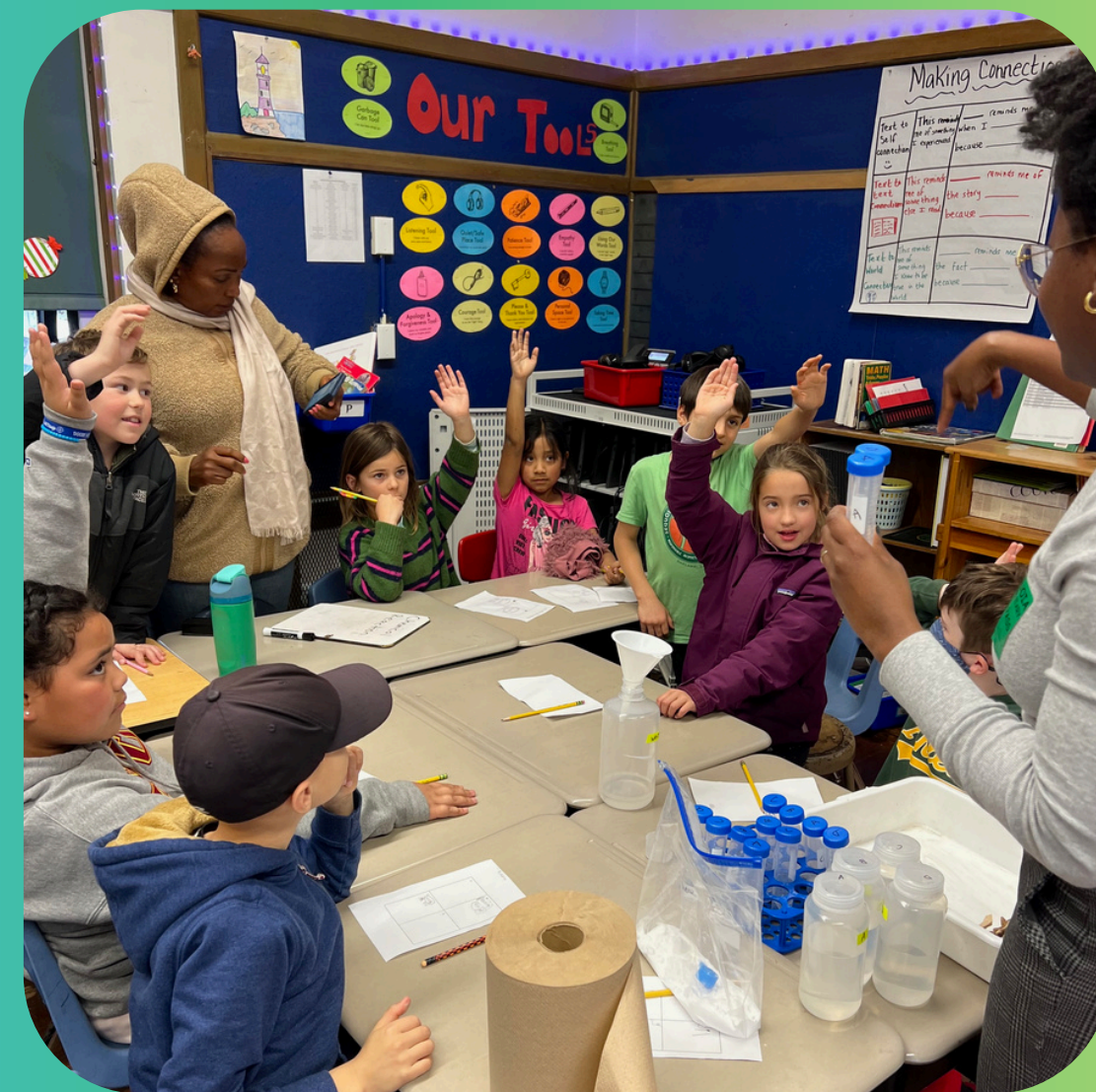
Led 8 BASIS Lessons exploring energy and magnets, reaching 200+ Oakland elementary students.



Led 12 Storytime with a Scientist Lessons exploring engineering, reaching 300+ students across 4 school districts.



Led 4 BASIS Lessons exploring liquid chemistry, reaching 100+ Oakland elementary students.



*"We have just started our energy unit in science. This experiment was right in line with what we are studying. Thank you so much for bringing this lesson to my class. They loved it."
- 4th grade Teacher, Oakland*



Led 2 Storytime with a Scientist
Lessons exploring
chromatography, reaching 50+
Berkeley elementary students.



Cytokinetics

Led 2 BASIS Lessons exploring
bioengineering, reaching 50+
Oakland elementary students.

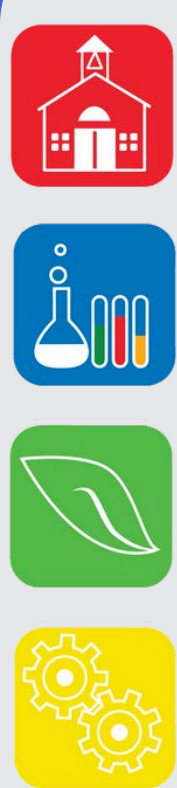


Led 3 BASIS Lessons exploring water
filtration, reaching 75+ Oakland and
West Contra Costa elementary students.



"I would highly recommend Storytime with a Scientist to anyone interested in participating! The story, activity, [and] the students were amazing, and our team was supported from start to finish by [CRS] and our teacher partners!"

-Chloe, CTE Employee



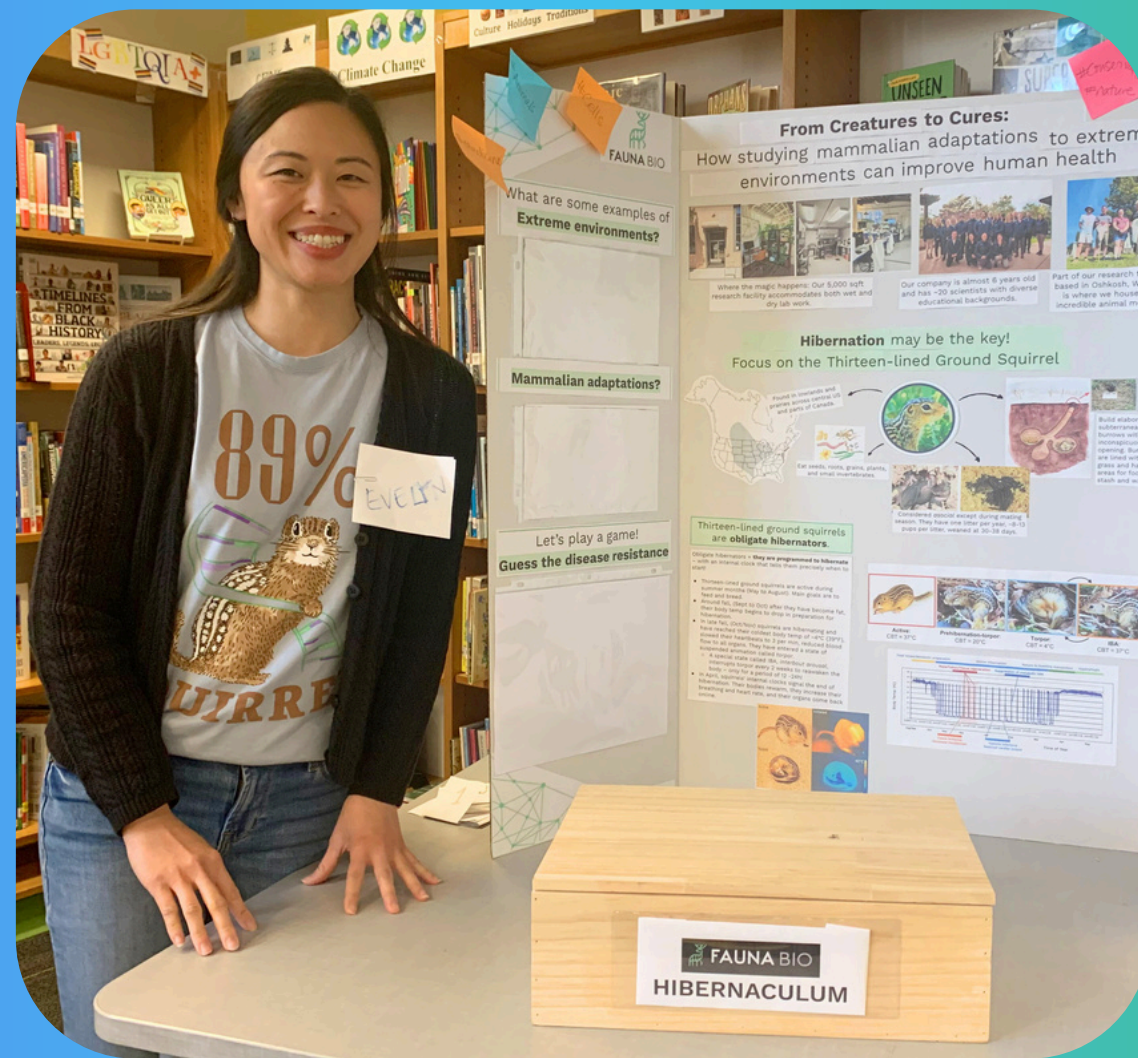
ENGEO

Expect Excellence

Led a Day of Science exploring engineering, reaching 100+ Oakland elementary students.

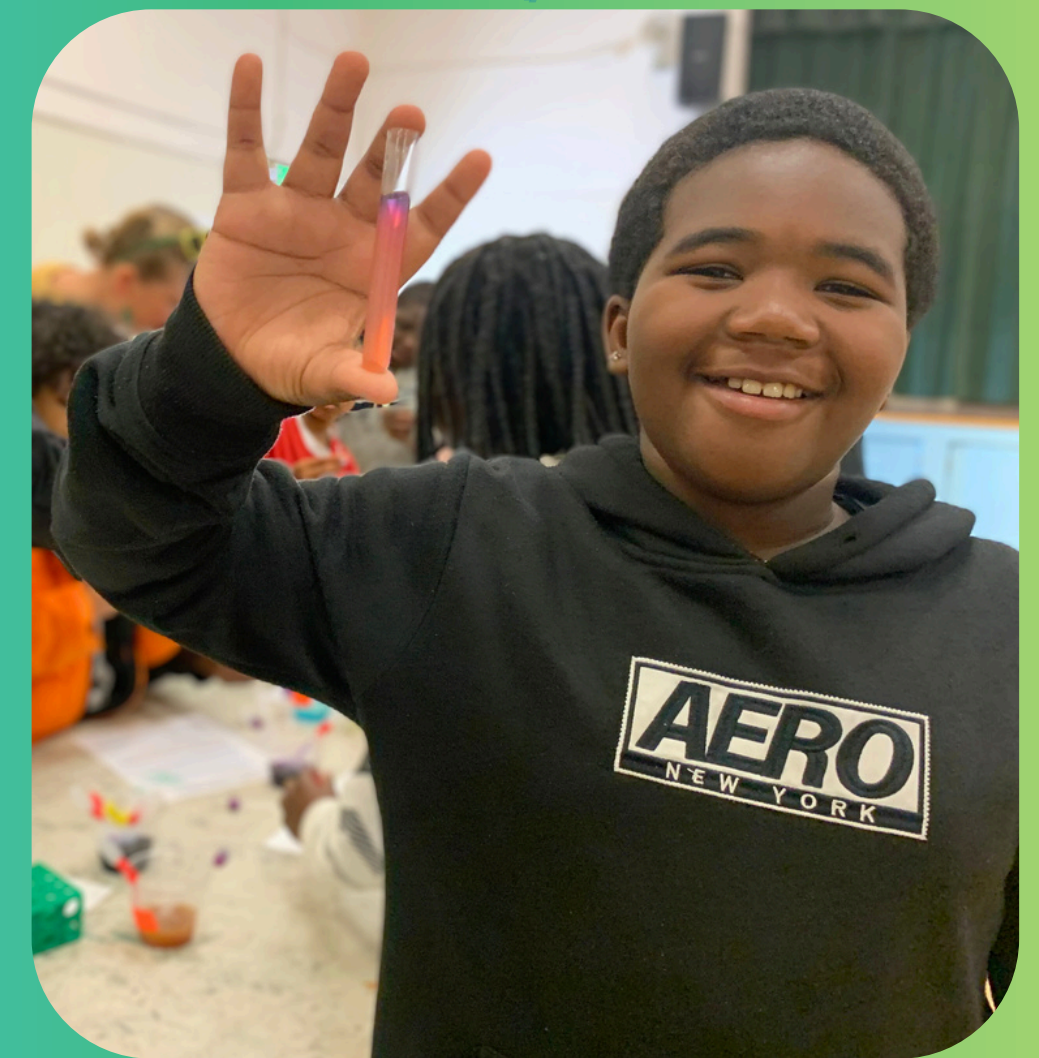


Led Reverse Science Fair presentations about mammalian adaptation, reaching 175+ Berkeley middle school students!



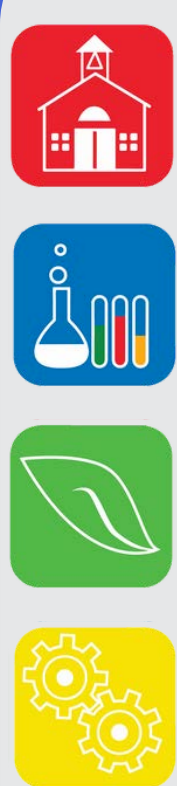
GRIFOLS

Led 5 Storytime with a Scientist engineering lessons and a Day of Science exploring pH and DNA, reaching 375+ Oakland elementary students.



"I think I made a dent on their life. Random people, showing up, as a scientist. The whole purpose of this mission—it's not unique [what] scientists can do. You can individually learn and I think those key buzz words will stick [with them]. And I'm glad I'm a part of that."

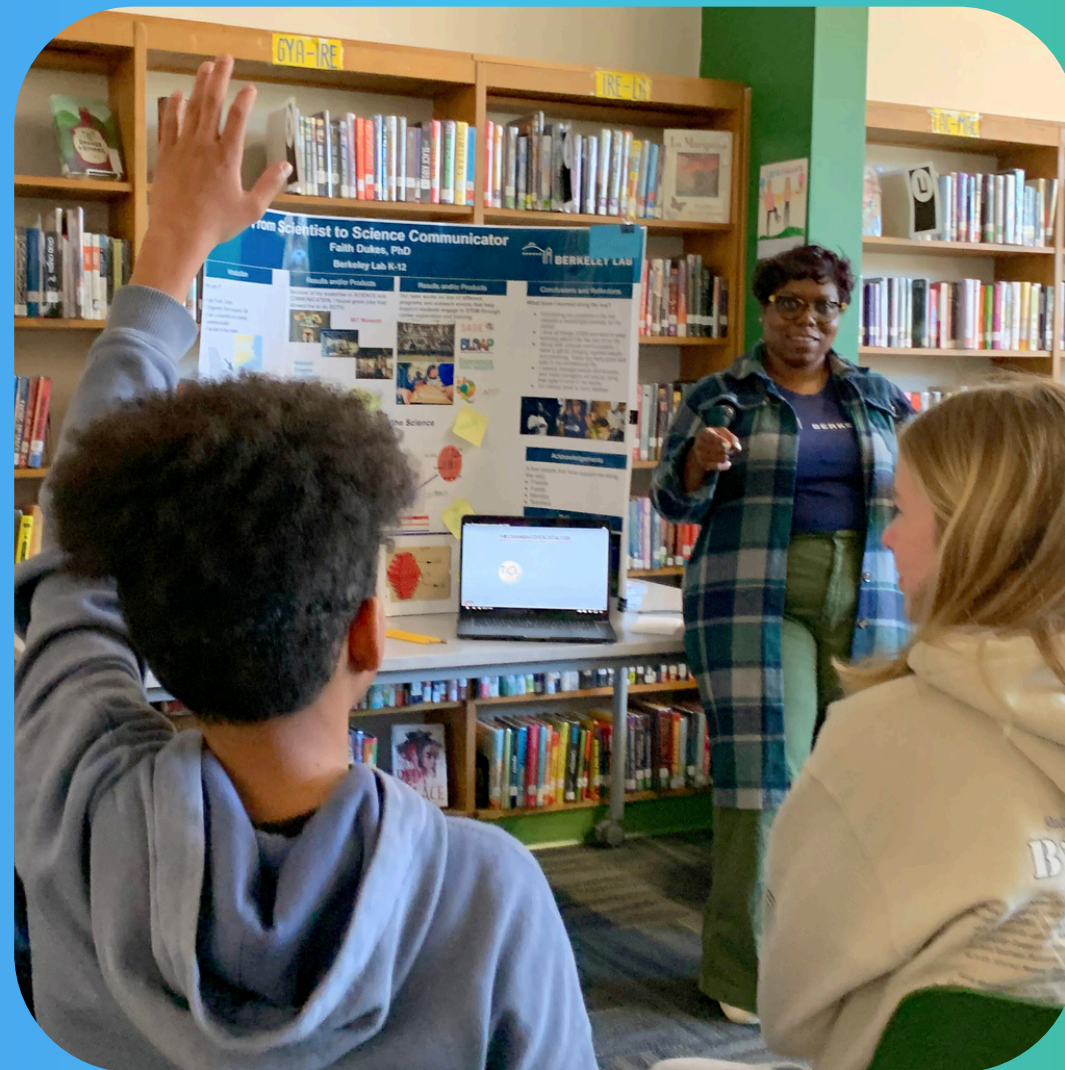
-Sylvia, Grifols Employee



Led a Day of Science exploring strawberry DNA and pH, reaching 300+ Oakland elementary students.



Led 24 Reverse Science Fair presentations exploring current research topics, reaching 600+ 8th grade students across Berkeley and Oakland.



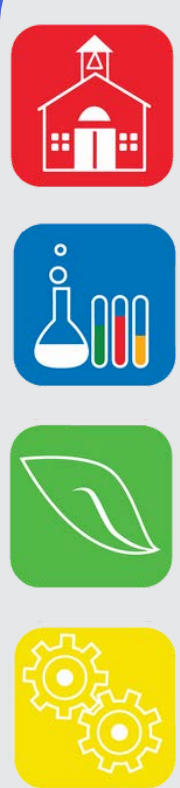
Led 15 BASIS Lessons exploring zoonotic diseases, reaching 375+ Oakland and West Contra Costa elementary students.

“The lesson was interesting and engaging. Dr. Debbie was kind, enthusiastic, and concise. The pace of the lesson was great and my students will definitely benefit from a greater understanding of viruses, vaccines, and strategies for keeping humans and animals safe.”

- 4th grade Teacher, West Contra Costa

“I think it’s important for any company to take a day and give back to the community in which its located and take time to reflect on ways that we can give back more broadly in our lives and to spend time with coworkers outside of a professional context.”

-Ally, Health Advances Employee



Led 2 BASIS Lessons exploring vaccines, reaching 50+ Oakland elementary students.



PORT OF OAKLAND

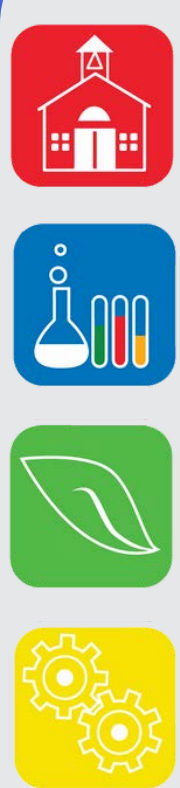
Led 2 BASIS Lessons exploring electronic vehicles and air quality, reaching 50+ Alameda elementary students.



Led a Day of Science exploring circuits and science sketching and a Career Day Presentation, reaching 300+ Oakland elementary students.



"The lesson was fantastic! The activity with the cups and mixing the liquids was a great way to show how germs can spread. This was probably my favorite BASIS lesson ever."
-5th grade Teacher, Oakland



SpikeGadgets

Led 4 BASIS lessons exploring simple circuits, reaching 100+ Berkeley, Oakland, and West Contra Costa elementary students.



Sound

Led a Storytime with a Scientist lesson exploring chromatography, reaching 25+ Berkeley elementary students!

The structure of the lesson: reading then experiment [worked well]. Also loved [that the] scientist was bilingual!

- 1st grade Teacher, Berkeley

TRANSYSTEMS

Led a biotech BASIS lesson and a Storytime with a Scientist Lesson exploring engineering, reaching 50+ Oakland and San Leandro elementary students.



"It was a great experience for our volunteers to have the opportunity to present architecture as a career path and to introduce related topics with the challenge."

- David, TranSystems Employee



Bay Area Scientists Inspiring Students

Here are some examples of how your team can make a visible difference in the community. We'll customize opportunities for your team's goals and availability!



Day of Science

Bring your whole team to lead a table of science activities for a morning of science fun with the whole school



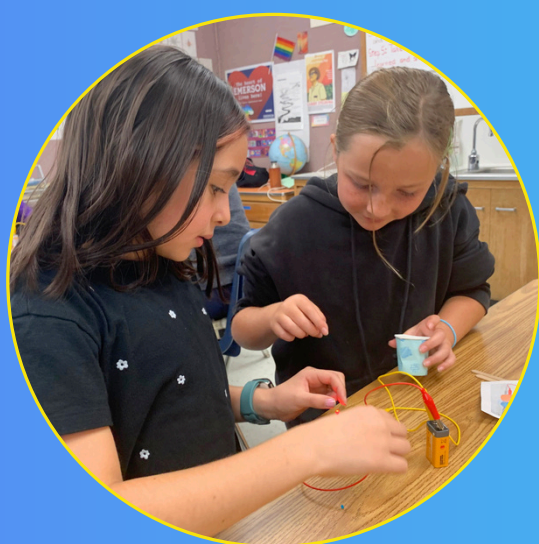
Four Lesson Series

Become a part of the classroom with 4-6 weekly science visits with the same class. For teams 1-6 people, share about your science journey and assist students in multiple science experiments.



Storytime with a Scientist

Read a science-inspired story to a class of TK-2nd graders. Afterwards, lead the class in a simple hands-on science experiment.



One Hour Lesson

For teams 1-6 people, lead K-6 students in amazing, engaging science lessons, giving teachers and students the opportunity to interact with real-life scientists and engineers.



Reverse Science Fair

Present your current projects, research interests, and individual pathways into STEM fields in the style of a science fair to Berkeley 8th graders.