SVEF STEM Programming & Local Volunteers Help Bridge the Academic Achievement Gap

SVEF serves youth who are farthest from access and opportunity. To close the academic achievement gap we provide high-quality STEM learning to selected students who are falling behind, and train our teachers to better equip them for STEM instruction. As the largest educational nonprofit in Silicon Valley, SVEF has a legacy of providing proven STEM programs and leading the way as an education innovator. SVEF’s vision is that every student becomes a successful and productive adult.

- **Elevate [Math]** is a year-round research validated math acceleration program for 3rd–10th grade students designed to increase the number of Silicon Valley students meeting Common Core math standards.

- **Elevate [Math]**² is a rigorous school-year math curriculum focused on key standards necessary for grade level mastery. Beyond the curriculum, Elevate [Math]**² includes 14+ hours of teacher professional learning.

- **[CS] Innovate** is a 19-day summer program for 6th–10th grade students based on the California Computer Science Standards. [CS] Innovate provides learning experiences to students furthest from opportunity, introducing the foundations of computer science. The [CS] Innovate curriculum focuses on design thinking, computational thinking and coding.

- **[CS] Innovate Loop** provides coursework in computer science fundamentals and computational thinking as core instruction during the school day or after school enrichment.

- **School2Home** is a comprehensive statewide initiative that builds the capacity of middle schools to integrate technology into teaching, learning, and parent engagement to provide student outcomes establish a sustainable digital learning culture.

- In **The 49ers STEM Leadership Institute (SLI)**, 7th–12th grades students enroll in SLI-specific math & science classes at Cabrillo Middle School and then Santa Clara High-School.

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**LOCAL VOLUNTEERS** serving as mentors, guest experts, & STEM panelists help SVEF impact young people and their future earning capacity. Funding SVEF’s award-winning programs provides the following:

- Student materials & project-based learning activities
- Teaching professional learning
- Volunteer engagement & coordination
- Program teaching & learning management system

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MORE INFORMATION | Jahsve Worthy, Corporate Partnerships Manager  jahsve@svefoundation.org  408.790.9585
2022 Volunteer Opportunities

Guest Expert: STEM Career Talk
Inspire students grades 3rd–10th by sharing your educational journey and how STEM/Math is important in your career. Share an artifact you created in school, in your workplace or that is important to you.

WHEN October–April
WHERE Virtually via Zoom
COMMITMENT Lead a 45-minute discussion / presentation after school

A Field Trip Host
Welcome a group of students to tour your workplace to give them a glimpse of the culture, talk to them about career pathways, and help them begin to build their own professional networks.

WHEN October–April
WHERE Sponsoring Company
COMMITMENT 2-3 hours

Personal Statements for College Applications
Volunteers will read high school students' personal statements for college application. Feedback and suggestions will be shared with the students so they may edit and polish their essays before submitting college applications.

WHEN September–November
WHERE Remote, at volunteer’s convenience
COMMITMENT 1 hour

Guest Expert: Computer Science Career Talk
Inspire middle and high school students by sharing your educational journey and passion about computer science. Share an artifact or “cool” project you created in school or in your workplace.

WHEN October–April
WHERE In-person (virtual options available)
COMMITMENT Lead a 45-minute discussion/presentation (times available throughout the school day)

svefoundation.org/volunteer
For corporate partnerships/volunteer opportunities.

svefoundation.org/donate
SVEF is a 501(c)(3) non-profit organization, tax I.D. #20- 5061316. Gifts are tax-deductible to the extent allowed by law.

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