Looking Back to Look Forward

2022 HIGHLIGHTS

The Tech Interactive continues to provide STEM education and inspiration for so many in our community, and we have you to thank for helping make our mission a reality. Let’s take a look back at the work we have accomplished together this year, and look forward to the exciting opportunities ahead!

Engaging Students, Educators, and Innovators

THE TECH CHALLENGE 2022, presented by Amazon

The signature program of The Tech invites teams of students in Grades 4-12 to design, prototype, test, iterate, and complete a model solution to a real-world problem. In spring 2022, young innovators got creative and loud with The Tech Challenge: Kinetic Commotion, where teams of students were asked to design a device that uses stored energy to create a series of sounds.

8,373 Total student participants
• The Tech Challenge signature program: 1,040 (260 teams)
• Exploring Engineering 20-session curriculum: 2,055
• Library workshops and activity handouts: 5,278

“The Tech Challenge gave me a better understanding of the engineering systems process by actually experiencing it,” said Christine Ryu, a ninth-grader who enjoyed learning how to use a miter saw to build their project.

We are Back in Action!

Our doors opened back up in spring 2021 to families across the Bay Area and beyond, and in-person student field trips resumed last fall. With support from our members and donors, we have been able to engage the community through a variety of ways:

Participant Numbers:
- 68,045 General Admission
- 35,145 Educational IMAX
- 14,931 Title 1 Field Trips
- 10,794 School Field Trips
- 10,679 Science Labs
- 8,061 Special Events
- 2,553 Innovation Labs
- 1,357 Membership Events

Total Participation: 151,565

Awarded Silicon Valley’s Best Museum 2021-22 by readers of the Mercury News, Metro Silicon Valley, and Bay Area Parent.

Watch The Tech Challenge 2022 Highlights Here
THE TECH ACADEMIES OF INNOVATION
Our nationally recognized professional development program empowers K-12 educators in 11 partner districts, as well as expanded learning organizations to develop leadership skills and cross-curricular expertise in integrating hands-on design challenges and computational thinking into their school’s curriculum.

• 381 Total educators impacted
• 16,648 Total students impacted

“By integrating more STEM lessons into my lessons, it helped students to practice the engineering design process and learn the stages of a challenge such as perseverance, collaboration, problem solving, and creativity.”
— Loan Heuerman, teacher, Franklin McKinley School District

STEM INCLUSION INITIATIVE
Our STEM Inclusion Initiative is The Tech’s commitment to gender inclusion within STEM learning and career pathways. We offer a variety of opportunities for young women and nonbinary students to nurture their interest, boost their skills, and solidify their confidence in STEM. Some programs and events include:

Young Women at The Tech Luncheon:
• 250 total participants
  - 100 students
  - 150 professionals
  - 29 schools

Girl Scouts Badge:
• 450 participants

Geena Davis Institute STEM Career Expo:
• 67 in-person student participants
• 101 virtual student participants

Book a Biologist:
• 119 Biologist sessions
• 3,720 student participants

THE TECH FOR GLOBAL GOOD
In 2022, we had two Tech For Global Good celebrations recognizing innovators who use technology to benefit humanity. This program runs throughout the institution as an exhibition, lab content, and within online curricula; showing students that they, too, can wield technology to solve the world’s most difficult challenges.

None of our programs are possible without your continued membership — thank you!

To learn more, please contact Emily Allen, Membership Manager, at eallen@thetech.org.