



The Tech Challenge

Africa Expansion



We are excited to introduce you to The Tech Interactive, a hands-on science and education center based in Silicon Valley, U.S. One of our signature programs, The Tech Challenge, is a 37-year-old engineering program where local students form teams and build a device to solve a real world problem. By engaging in the challenge, students build skills in STEM, collaboration and innovation, and also build new interest and confidence in STEM.

In September 2022, we ran a year-long pilot program implementing an engineering and design curriculum in Nakuru, Kenya for 750 students and 45 teachers. We hosted Nakuru's first ever Tech Challenge in June 2023 where 150 teams designed and built devices and showcased their solutions to the school community and over 60 volunteer judges from Amazon, Google, Microsoft, Copia, Zipline, Deloitte and many other organizations.

The results and impact of this program on the students and teachers led us to partner this year with 12 schools in Nakuru, and with Daraja Academy in Nanyuki, to bring innovation and engineering design curriculum to their students.



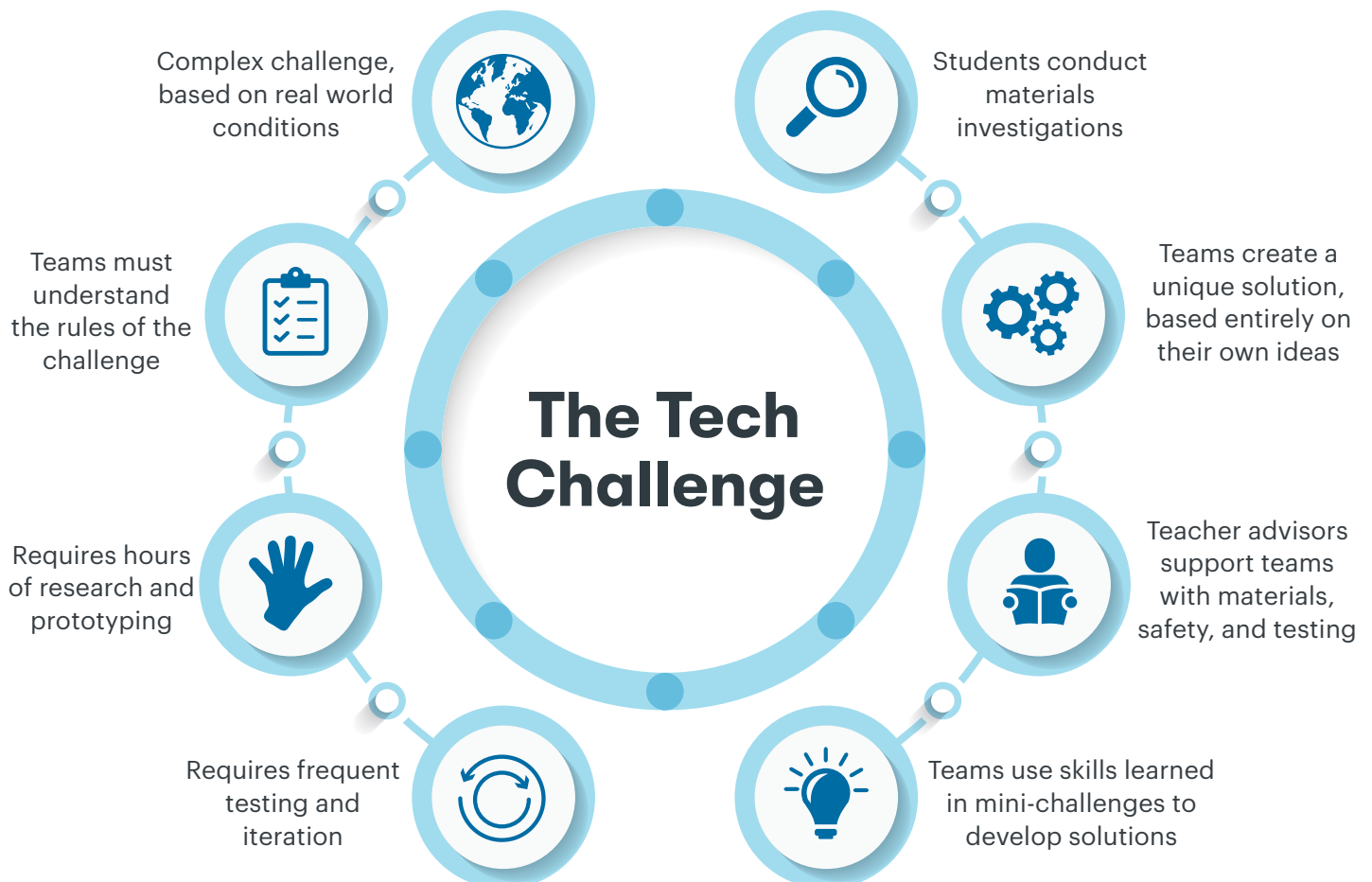
The Purpose of our Program

We aim to create generational changes in the families of our students, while arming these problem solvers with the skills they need to improve the world. The Kenya Tech Challenge unlocks the potential of young minds for tackling complex issues. In Kenya, students are often taught to learn through rote memorization and textbooks. Traditionally they have not been given time in the classroom to explore their curiosity, imagination and creativity. We are giving them an opportunity to use a different part of their brain and to see their own capabilities as problem-solvers.

THIS YEAR, WE PRESENT THE TECH CHALLENGE 2024

3000 students Grades 5-12, 600 teams, 150 Judges, 100+ teachers, 200+ volunteers!

The challenge will be announced on April 1, 2024, culminating in a showcase pitch event in July 2024 in Nakuru, Kenya. So far, we have nearly 3,000 students from Grades 5-12 participating in the program, of which 2,500 are from low-resourced and public schools. The program has also trained over 100 teachers in Design Thinking via both in-person training and an online course which introduced them to strategies for teaching engineering design and leading hands-on mini-challenges with students.



What is the lasting impact of implementing The Tech Challenge?

In Silicon Valley, The Tech Challenge has seen growth over the decades in many areas, including the overall number of teams, teams that return for 2 or more years and an increase in female participants. In 2023, participants in the U.S. shared that The Tech Challenge helped them in these ways:



91%



Listen to and use other people's ideas

84%



See how I can solve real world problems with engineering

90%



Come up with more creative solutions to problems

89%



Work better with others

83%



Respond better to setbacks

79%



Be more interested in a job in STEM

Students that participated in the June 2023 Tech Challenge Showcase in Nakuru also shared an increased interest in STEM subjects, careers and exploration.

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“I never thought I could actually make something out of recycled items, but it all made sense.”

“That small simple problems can really solve life problems, especially if you are working together and that working together is essential.”

“Sometimes you don't make it in life because you believe in yourself, but because someone else did.”

(Speaking about her advisor)

“I learned that I can be an engineer in life.”

“The students really ended up adopting self belief. It was and remains evident in other things that they do.”

“I gained so much but perhaps one lesson that shall stick with me is that children are products of the vibe they are fed with. When provided with the right environment and positive energy, they can live up to their potential. Additionally, I have resolved to never give up on any child as an educator. Even those deemed as 'weak' academically, have something to offer.”

“I used to be quiet because it's hard to find other women with similar education values. I learned to open up to others.”

“We came to better our better to be the best. It was an experience that was unforgettable.”

“The day I learned about the challenge I couldn't sleep. I stayed up all night to build a model. I am a flight person now.”

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Additional funding needed: \$445,000

Sponsor Level	Financial Commitment	Sponsors Needed	Total
Presenting Sponsor	\$150,000	1 needed	\$150,000
Educator Training Sponsor	\$75,000	2 needed	\$150,000
School Materials Sponsor	\$50,000	1 needed	\$50,000
Innovation Sponsor	\$25,000	2 needed	\$50,000
Student Recognition and Prizes Sponsor	\$10,000	3 needed	\$30,000
Media and Promotional Sponsor	\$5,000	3 needed	\$15,000
TOTAL			\$445,000

Your Sponsorship goes towards:

- 25 hours of STEM Training for 100+ Educators
- Facilitation of Design Challenges for 2,500+ students
- 30 hours of design time per student
- Materials and educator time for facilitation
- Showcase for 3,000 students with 150 mentor judges
- Prizes/awards for students
- T-shirts, certificates and medals for each participants
- Top team prizes: STEM experiences
- Communications/media for Tech Challenge showcase

For more information, please contact:
Shital Patel, Director of The Tech Challenge,
Kenya Expansion at spatel@thetech.org

Sponsor Benefits & Recognition:

- Your company is recognized as a sponsor in The Tech Challenge materials.
 - *Presenting sponsor* name will be incorporated into all Tech Challenge materials and signage: The Tech Challenge presented by: *Your company*
- Ability to have a corporate representative featured in a post event highlights video.
 - Sponsors who give \$25K and higher
- Your company featured on the T-shirt for students and volunteer judges.
 - Logo featured for Innovation sponsors \$15K and higher
 - Sponsors at all levels listed
- Company name included in event press release.
 - Supporters at \$15K and higher
- All sponsors:
 - Ability to have your company associated with a premier STEM movement growing rapidly in Kenya.
 - Ability to provide volunteer judges at the showcase event.
 - Opportunity to network with additional sponsors, judges and local schools.
 - Company name included in the post event thank you email sent to all participants, judges and volunteers.