

# TECHPOINT FOUNDATION FOR YOUTH 2022-23 YEAR IN REVIEW

## REPORTING

JULY 2022-JUNE 2023



Skiles Test Elementary students building the code base for their VEX GO robot



**TECHPOINT  
FOUNDATION**  
FOR YOUTH™

# GRATITUDE

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Dear TPF4Y Supporter:

I want to express my profound gratitude for your unwavering support over this past year. Thanks to your invaluable contributions, STEM education has become more accessible than ever to students across the state. Over the past fiscal year (7/1/22-6/30/23), together, we have achieved remarkable milestones, positively influencing the lives of nearly 50,000 Indiana students through STEM programming.

We are proud to announce that we have made significant strides in reaching our priority population. In the past year, 43% of our students were girls. Additionally, 42% of our students were from diverse ethnic backgrounds (marking a substantial increase of 18% compared to the previous year) further emphasizing our commitment to inclusivity and equal opportunity. Furthermore, demonstrating our dedication to making a meaningful difference where it is needed most, 48% of our programs' students belonged to the most underserved communities.

Our State Robotics Initiative after school program engaged an impressive 24,000 students on more than 1,700 teams. Through your support, we were able to provide essential equipment for 50 new teams, enabling them to establish their own robotics programs. The Indiana Robotics State Championship, held at the iconic Lucas Oil Stadium, was a resounding success, attracting a total of 318 teams from every corner of Indiana. These teams competed for the coveted title of state champions and the opportunity to advance to the World Championship. Notably, Indiana proudly sent an unprecedented 192 teams to compete with 40 other countries on the global stage.

Our in classroom robotics program has emerged as an exceptional resource for teachers, enabling them to meet science, math, and computer science standards in an innovative and engaging way. In the past year alone, we reached an impressive 14,000 Indiana students through this program, and the demand continues to grow.

In addition to robotics, to further support students as they prepare for life after high school and to build Indiana's future workforce, we expanded our transformative Xplore program in partnership with TechPoint. Participants can now fully immerse themselves in Indiana's thriving tech ecosystem through a blend of in-person and virtual project-based learning with tech companies.

We have also made significant strides in our STEM Mentors program. Through our collaboration with various companies, we paired 39 STEM Mentor volunteers with 25 teachers in 26 school classrooms. Collectively, they impacted over 975 students, providing them with hands-on, minds-on curriculum and a valuable learning experience. Additionally, we successfully engaged over 12,000 students through our Hour of Code Program.

Once again, we extend our deepest gratitude to each and every TPF4Y Volunteer, Partner, and Supporter. The invaluable work we do would not be possible without your unwavering dedication and support. Together, we are shaping the future and empowering countless young minds to reach their fullest potential.

From the bottom of our hearts, we thank you for your continued generosity and belief in our mission.



**GEORGE GILTNER** President & CEO





# Building Indiana's STEM Future

## OUR MISSION

To ensure Indiana's underserved and underrepresented K-12 students have access to experiential learning opportunities that increase STEM knowledge and inspire STEM career exploration.

## WHO WE ARE

TechPoint Foundation for Youth (TPF4Y) is the leader in Science, Technology, Engineering & Mathematics (STEM) education for the state of Indiana and has been inspiring students through STEM programming since 2001. We believe our youth should be equipped to fulfill the growing demand for a skilled workforce.

## WHAT WE DO

We are a unique resource strategically positioned to bring the right partners around the right programs to enrich the lives of Indiana students. These programs provide students with hands-on, experiential learning focused on the core disciplines of STEM. In addition, students develop skills crucial to success in the modern workplace such as creativity, critical thinking, communication, and collaboration.

## WHO WE SERVE

Our **priority population** is students who are:



Resource Limited



Female



Students of Color

On average, we impact ~50,000 students annually:



Are Resource Limited



Are Female



Are Students of Color

## PROGRAMS

Our programs serve students in all 92 Indiana counties



In school STEM Programs



Out of School STEM Programs



STEM Mentor Programs



Work-Based Learning Programs

# STRATEGIC PLAN FOR IMPACT GROWTH

## A NEW ERA

TechPoint Foundation for Youth has entered a new era of leadership and is launching a new 5-year strategic plan to shape our future growth across the following areas:



STUDENT IMPACT



STEM CHAMPIONS

## FINANCIAL SUSTAINABILITY



## STEM SUCCESS PATHWAY

Our new 5-year strategic plan will continue to support steps 1 and 2 in the STEM Success Pathway and we will begin to adopt step 3



"Robotics has provided an avenue for critical thinking and creative expression to some of our high ability students that did not otherwise exist. It also shows the rest of our student body that there is real-world application to what they are learning in math, science, and language arts."  
-Robotics Coach,  
Waynedale Elementary  
Fort Wayne, IN

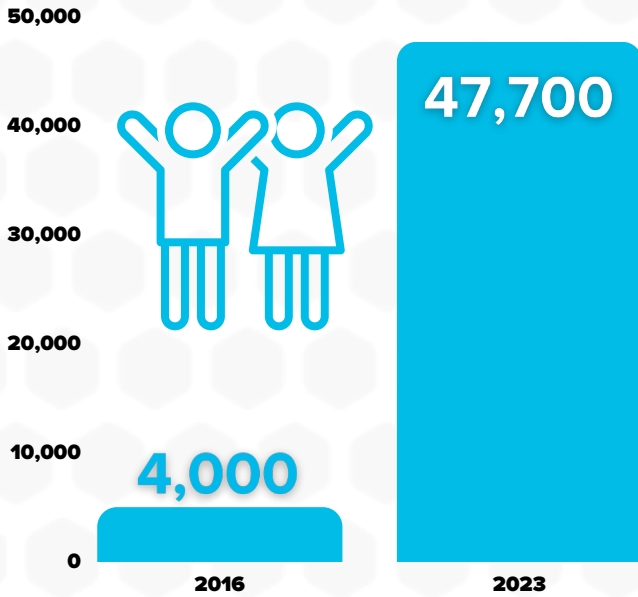
Having a robotics team impacted our school by opening possibilities within STEM. Our robotics team have brought a sense of pride and wonder to our students and staff. It has made us collectively realize our students can accomplish great things. The students that were on the robotics team have a new sense of confidence.  
-Robot Coach,  
Lew Wallace Elementary  
Indianapolis, IN

I had a student with leadership potential written all over her, but never before had she exhibited this like she did as part of the robotics team. She helped to guide students towards divergent ways of thinking and brought our team back into focus to experience success when challenging problems arose.  
-Robot Coach,  
Westbrook Elementary  
Indianapolis, IN

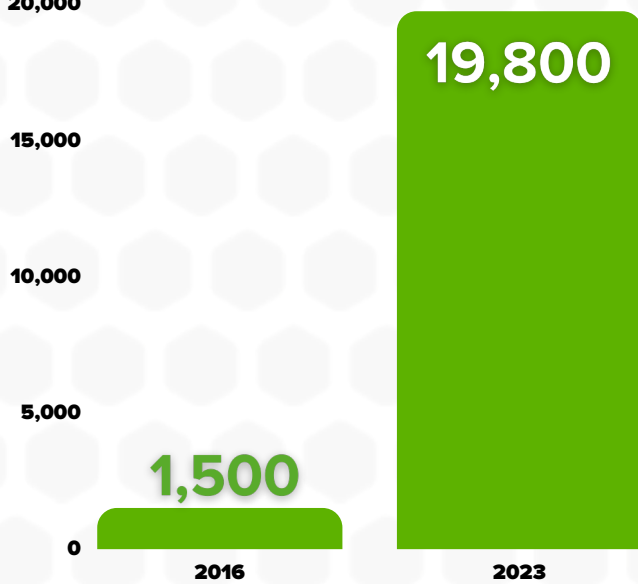


# 2022-23 IMPACT NUMBERS

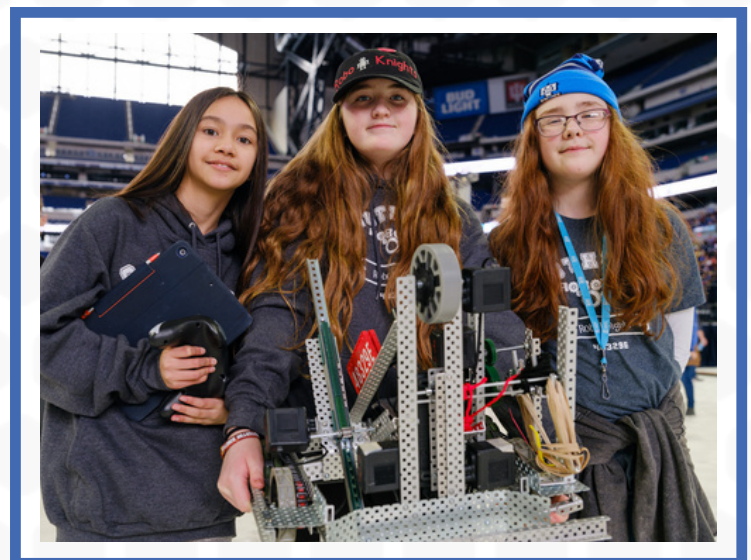
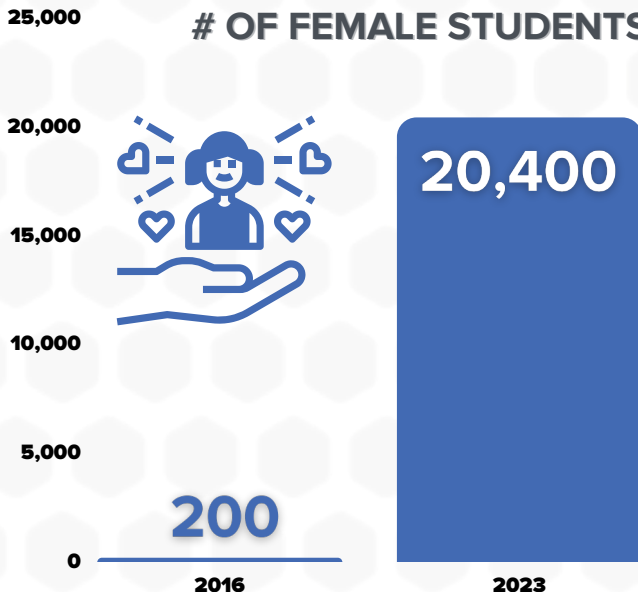
## # OF STUDENTS IMPACTED



## # OF STUDENTS OF COLOR



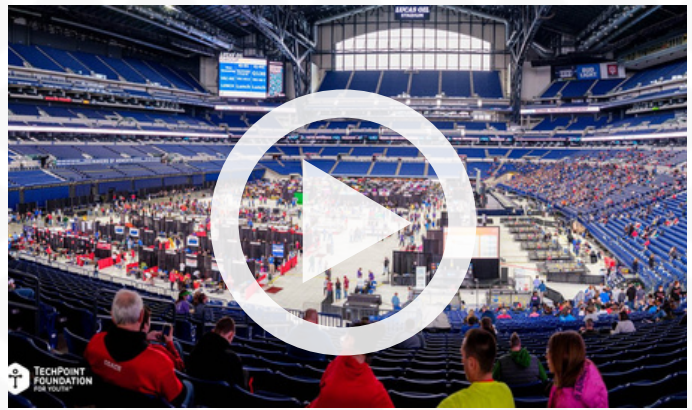
## # OF FEMALE STUDENTS



# 2022-23 HIGHLIGHTS

## 1,721 Robot Teams

across the state competed in after school robotics teams. To celebrate their success, TPF4Y was able to host the annual Indiana Robotics State Championship at Lucas Oil Stadium. [Watch the highlight](#)



## 13,596 VEX GO students

engaged in meaningful hands-on classroom curriculum during the school day that introduces students to STEM. This co-curricular program impacts more students who need STEM the most.

[See VEX GO in action here](#)



## 39 STEM Partners

were paired with 25 teachers at 26 schools connecting more than 975 students to local STEM professionals from companies such as Eli Lilly and Company, Allegion, Roche, and HNTB.

## 14 Student Advisors

made up our Student Advisory Council representing different schools across Indiana, and gave us valuable insight into how we can better serve students and communities through our programming.

## 9 Xplore Students

were fully immersed in Indiana's thriving tech ecosystem through a blend of in-person and virtual project-based learning with tech companies.

## 12,000+ Students

across the state participated in our virtual and in-person Hour of Code event in December to help give them confidence that they can learn to code.

## Mira Award Winner

[Bridge Builder Award](#) - Presented to I Captain Ryan Lynch, a Republic Airways commercial airline pilot, founder of the National Aviation Youth Resources (NAYR) Foundation and director of the ACE Academy

## Partner of the Year

President and CEO, George Giltner, and the TPF4Y Team were presented 2023 Partner of the Year Award at the 2023 VEX Worlds Championship.



# 2022-23 TOP FUNDING SOURCES

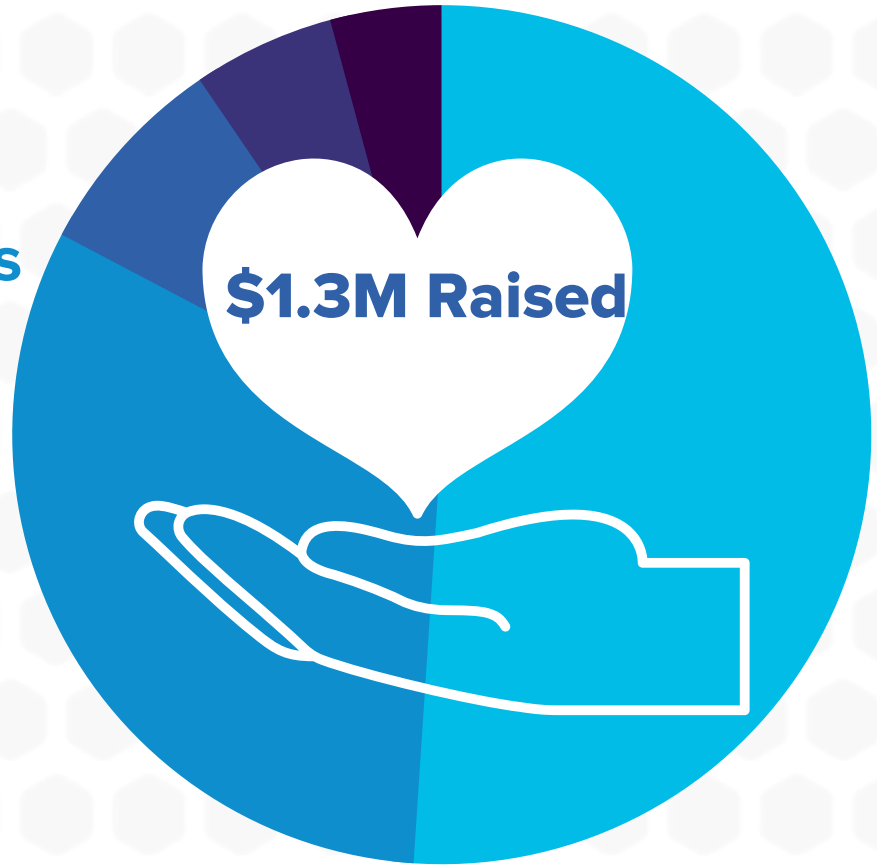
51% Corporate Giving

32% Grant Contributions

8% Event Income

5% Individual Giving

4% Other Income



## THANK YOU TO OUR SPONSORS!

### GROUP1001



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