TECHPOINT FOUNDATION FOR YOUTH
2021-22 YEAR IN REVIEW
REPORTING
JULY 2021-JUNE 2022

TechPoint
FOUNDATION
FOR YOUTH™

Team **TECH GIANTS** preparing to compete at the '22 VEX Robotics State Championship

GRATITUDE

Dear TPF4Y Supporter:

Whether you volunteered your time or showed your support with a gift, your generosity made it possible for TechPoint Foundation For Youth to impact more than 30,000 Indiana students this past fiscal year (7/1/22-6/30/22)! We are proud of the impact we were able to make together!

YOU helped make STEM education even more accessible to students this school year. More than 17,000 students on nearly 1,500 teams were engaged through the State Robotics Initiative this year, and we were able to grant the necessary equipment for 45 new teams to start a robotics program. Thanks to your generosity, the Indiana VEX Robotics State Championship was able to return to an in person event at Lucas Oil Stadium allowing nearly 300 teams to compete. 40 STEM Partner volunteers from 6 companies were paired to 37 teachers at 21 schools classrooms, impacting over 1,025 students and providing hands-on, minds-on curriculum in classrooms across the state. Because we were able to reach so many more students virtually, we had a record breaking Hour of Code event, engaging with more than 11,000 students!

We launched 2 transformational programs this year, VEX GO and Xplore. VEX GO brings robotics curriculum into the classroom for elementary students and provides meaningful STEM education to more of our priority students (girls, youth of color, and those from resource-limited situations). This program is proving to be an excellent resource for teachers to meet science, math, and computer science standards in an innovative and engaging way. In efforts to help support students as they prepare for post high school we created our new Xplore program in partnership with TechPoint. This program will help support students as they develop their professional skills and expose them to the tech ecosystem in central Indiana. These students will eventually be paired with STEM professionals to be their mentor through high school and beyond.

Thank you again to every TPF4Y Volunteer, Partner, and Supporter. This important work would not be possible without you!

GEORGE GILTNER
President & CEO

TechPoint FOUNDATION FOR YOUTH™

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 e orts 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
~30,000 students annually:

45%
Are Resource Limited

35%
Are Female

24%
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

FINANCIAL SUSTAINABILITY

STEM CHAMPIONS

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

1 Becoming Aware, Interested, & Inspired

2 Gaining STEM Knowledge, Skills, & Confidence

3 Achieving Career Access, Competency, & Success

"I have a student that was able to use robotics as a motivation to keep their grades up. This student had one of the lowest GPAs in the class and now has a GPA in the top third. Robotics impacted his understanding of the importance of education."

-Teacher,
Allisonville Elementary School
Indianapolis, IN

"One of of my female students was very shy and quiet starting out. By the end she had become a leader and even voted by the team to be one of our competition level drivers for our only robot. Her confidence was raised to new levels never experienced before."
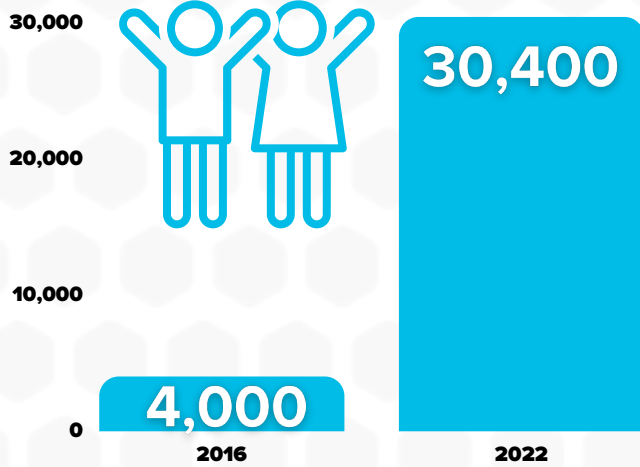
-Robot Teacher,
Deputy Elementary School
Deputy, IN

"We have a multitude of students who are now considering STEM-related careers after being a part of our robotics program. "
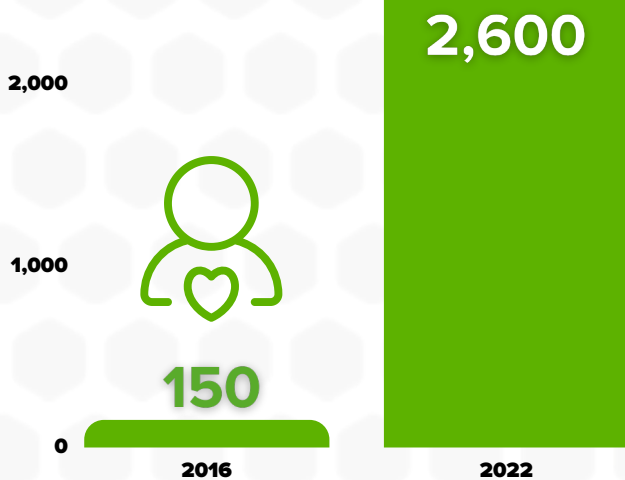
-Teacher,
Brownsburg East MS
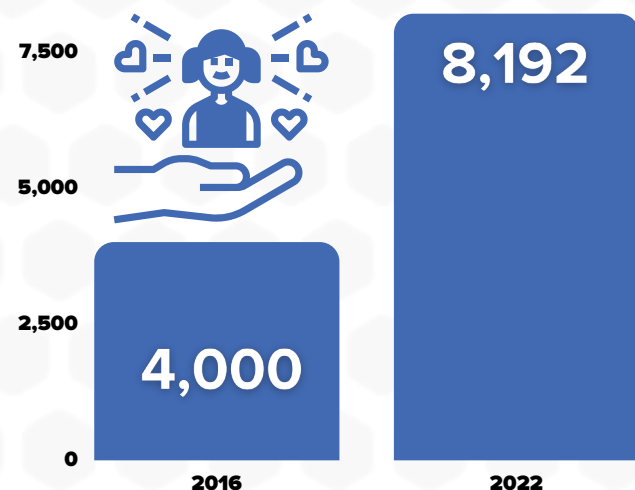Brownsburg, IN

2021-22 IMPACT NUMBERS

OF STUDENTS IMPACTED

40,000

30,000 — 30,400

20,000

10,000

4,000 (2016) | 30,400 (2022)

0

OF VOLUNTEERS

3,000

2,600

2,000

1,000

150 (2016) | 2,600 (2022)

0

OF FEMALE STUDENTS

10,000

7,500 — 8,192

5,000

4,000 (2016) | 8,192 (2022)

2,500

0

2021-22 HIGHLIGHTS

1,492 Robot Teams

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

325 VEX GO students

piloted our newest in school STEM program. VEX GO engages students through meaningful hands-on classroom curriculum during the school day that introduces students to STEM. This co-curricular program will impact more students who need STEM the most. [See VEX GO in action here](#)

40 STEM Partners

were paired with 37 teachers at 21 schools connecting more than 1,025 students to local STEM professionals from companies such as Eli Lilly and Company, IU Health, Flexwear, and HNTB.

16 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.

4 Xplore Students

through our partner TechPoint's tech intern program, were given exclusive insight to Indianapolis' tech ecosystem.

11,400+ 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.

2 Mira Award Winners

[Bridge Builder Award](#) - Presented to IUPUI School of Informatics and Computing's Informatics Diversity Enhanced Workforce (iDEW)
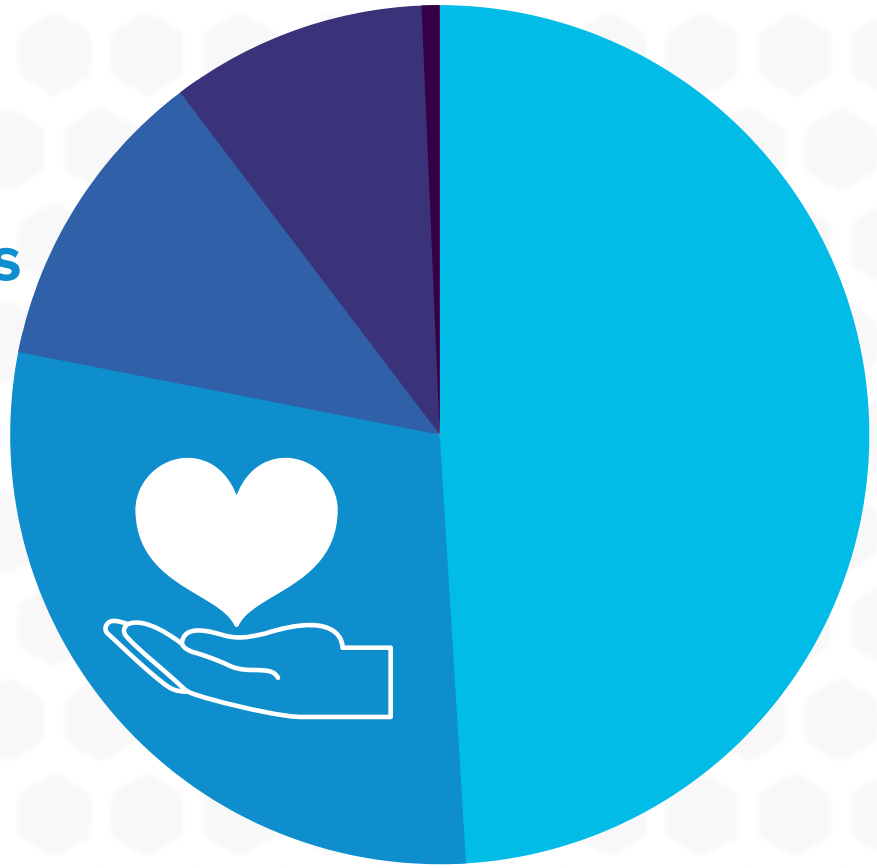
[Technology Education Award](#) - A TPF4Y grant recipient, Jake Simons wins this award for his remarkable efforts in robotics education.

$765,000+ Raised

through generous corporate, individual donors, grants and from events like Indy Tech Gives, Giving Tuesday, Mira Awards, and SummerRaise.

2021-22 TOP FUNDING SOURCES

49% Corporate Giving

29% Grant Contributions

12% Event Income

8% Individual Giving

2% Other Income

THANK YOU TO OUR SPONSORS!

GROUP1001

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zipari | HighPoint