

PLTW

Project Lead The Way

20 24

ANNUAL REPORT

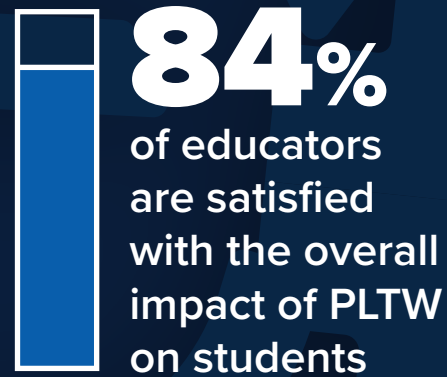
Every Student • Every Grade • STEM-Successful

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Project Lead The Way is a 501(c)3 national nonprofit serving schools of every type and demographic in all 50 states. We believe all students - beginning at a young age - need access to real-world, applied learning experiences that empower them to thrive in college, career, and beyond.

A national nonprofit organization, PLTW equips students of all grade levels and demographics for a STEM-driven world with a teacher-empowered curriculum.



FY24 Voice of the Customer Survey

OUR MISSION

Empower students to thrive in an evolving world.

To our network of partners,

It has been an extraordinary year for Project Lead The Way (PLTW), marked by growth, innovation, and the continued impact we have on students, educators, and communities. As I reflect on the year's accomplishments, I am proud of our team and our network for pushing the boundaries of what is possible in education.

We continue to invest in our people and the partnerships that make our work meaningful. We are proud of where we stand today, and yet we know the future holds even greater potential. With the investments we've made this year, we are positioning ourselves to serve more educators, impact more students, and elevate PLTW's role as a leader in the PreK-12 education market. Our curriculum equips students not just for school but for life—helping them use data, develop aptitudes, and acquire skill sets that will lead to success well beyond their academic years.

For the first time, we hosted Masterminds, a gathering of our incredible, national network of Master Teachers. These educators are instrumental to our success, and this event was a key investment in supporting their leadership and professional development. Additionally, we introduced Sparking Curiosity, a new conference dedicated to empowering PreK-5 educators, underscoring our commitment to foundational learning through early and continued exposure to relevant, engaging, and curiosity-inspiring content.

We are excited to share that in 2024, we launched groundbreaking content in key areas:

- Our *Algebra 1 Advantage*, already being implemented in 36 states, is a major step forward in ensuring math instruction is both relevant and impactful.
- Our *Professional Development Suite* has expanded, offering new trainings such as *Demystifying AI* and *Beyond Project-Based Learning*, equipping more educators with the skills and confidence to prepare students for an ever-evolving future.
- We introduced the first-ever Community Impact Award, recognizing middle and high school students who go above and beyond in using PLTW programs to create lasting change in their communities.

These efforts, combined with continual updates and improvements to our core content, ensure that we remain at the forefront of education innovation. As we look to the future, I am confident in the strength of our programs, the dedication of our team, and the power of our partnerships to propel us forward. Together, we are preparing and supporting educators as they strive to make every student in every grade STEM-successful.

Thank you for your continued support and commitment to this shared mission. Sincerely,

David L. Dimmett, EdD
President and Chief Executive Officer
Project Lead The Way



From the first day to the last day, **we're the STEM ally educators count on** to meet STEM goals.

16,178
Programs



Programs in all **50** states, D.C., and U.S. Territories



2.47
Million
Students*

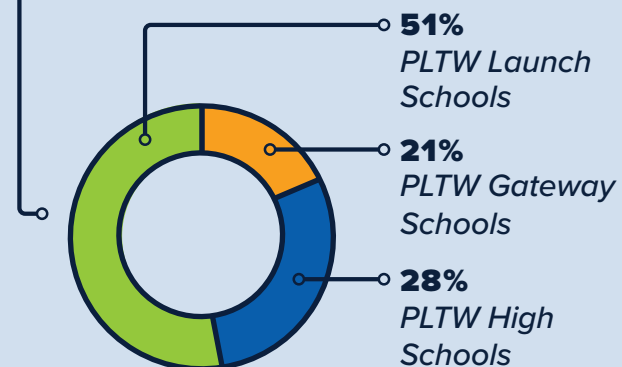
*Estimated student count is determined from rostering data and modeling.



116,524
Teachers Trained

12,775
Schools

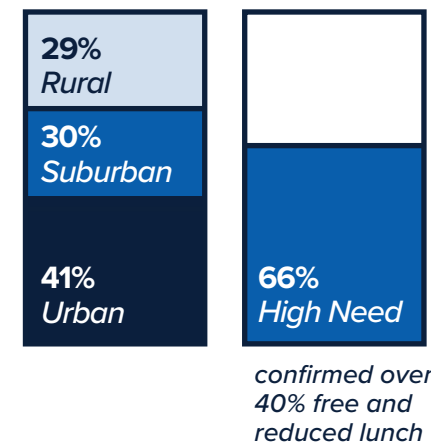
PLTW Distinguished Program Recognition
1,051 Distinguished Schools
20 Distinguished Districts



PLTW Distinguished Program Recognition celebrates districts and schools committed to helping students own their education by increasing student access, engagement, and achievement in their PLTW programs.

PLTW Grants

PLTW awarded **1,619** grants to schools totaling **\$15.6 million in 2023-24!**



FROM A PLTW ADMINISTRATOR

“The impact of our PLTW program implementation this year has been incredibly significant. Our students have grown their confidence in completing rigorous tasks, as they have learned how to apply learning from a variety of disciplines to solve complicated problems. In addition, attendance data over the past two years in 4th and 5th grade has shown a considerable decline in absences this year, which I believe is directly related to the fulfillment and enjoyment our students are experiencing this year through the hands-on learning they receive in our science lab. Finally, and most significantly, our students are learning how to interact with each other in a collaborative way. I believe that our students’ exposure to the PLTW program has equipped them to be lifelong learners and leaders.”

PLTW’s Inaugural Community Impact Awards

Empowering Tomorrow’s Leaders

New for 2024, PLTW’s Community Impact awards were created to honor and recognize PLTW students who are putting their classroom skills into real-world application.

Dozens of student-led project teams from PLTW middle schools and high schools across the country submitted thoughtful, impressive, and impactful nominations detailing the ways that they’re shaping and giving back to their communities.

Congratulations to our inaugural Community Impact Award winners: JSTEM Academy (Converse, TX) and Woodstock High School (Woodstock, IL)!

MIDDLE SCHOOL WINNERS
Innovating for Neurological Rehabilitation
JSTEM Academy, Converse, TX



HIGH SCHOOL WINNERS
Addressing Walkability Challenges in Woodstock, IL
Woodstock High School, Woodstock, IL



For more than 25 years, the heart of PLTW curriculum has been **best-in-class professional development.**

Compared to other professional development they have participated in, **78%** of participants indicated that PLTW Core Training had more impact on their teaching practice.

2023-24 Survey of PLTW Core Training Participants




PLTW Core Training

PLTW Core Training is intensely collaborative professional development, which is required to teach specific PLTW courses. Taught by PLTW-certified Master Teachers who are also current classroom practitioners and leaders, PLTW Core Training helps teachers build skills and confidence around our signature activity-, project-, and problem-based (APB) instructional design. Teachers are immersed in the same interactive PLTW learning journeys that their students will experience, and they gain the confidence they need to guide cohesive, meaningful APB learning.

PLTW Professional Development Suite

A series of courses available to all teachers and administrators regardless of their affiliation with PLTW, the PLTW Professional Development Suite includes instructional and skill-based training opportunities. Participants engage in experiences designed to enhance classroom delivery and expand their capacity as a facilitator of learning while creating greater connections to their own course content.

90% 

educators attending a PD Suite course rated the overall content as excellent or very good

2023-24 Survey of PLTW Professional Development Suite Participants

477 PD Suite enrollment in 2023-24

COURSE HIGHLIGHT

Beyond PBL: A Proven Learning Approach

Now available as an in-person, district-level training, this course highlights PLTW's signature APB instructional design. While the cornerstone of all PLTW programs, APB can be used in any classroom to facilitate student-led learning. This one-day course allows educators to make connections to their own course content and curricular resources from an APB lens.

WHAT LED TO THIS COURSE DESIGN?

PLTW saw an opportunity to extend our signature APB approach beyond PLTW courses based on how PLTW teachers transferred the skill to non-PLTW courses.

51% use in non-PLTW classes at least weekly

83% use in non-PLTW classes at least monthly

2022 Core Training Impact Survey
"How often do you use the Teacher as Facilitator and/or APB instructional approach in your non-PLTW classes or lessons?"

FROM A PLTW GATEWAY TEACHER

"I have had the opportunity to go through the PLTW training this year and have found it to be one of the best online professional developments I've had. **The training gave me the confidence to step into the classroom and be able to ensure the students were getting a great experience.** The students have enjoyed the class, and I only expect the interest to increase in not just intermediate school Gateway classes, but our district's Engineering, Robotics, and Architecture pathways as a whole."

2023-24 ROBERT & PATRICIA KERN TEACHER OF THE YEAR



NATASHA CRAFT
Pulaski Elementary School,
Kentucky

- o K-5th grade Project Lead The Way STEM lab teacher at Pulaski Elementary School in Somerset, KY
- o Serves as coach for the VEX IQ Robotics team
- o Director of the Pulaski County School District's summer STEM camp, Camp Invention
- o PLTW Launch Master Teacher since 2014

"Over the past 26 years, Mrs. Craft has been a dedicated and highly effective teacher of Science and PLTW Launch instructor. She has made a phenomenal impact on all students, kindergarten through fifth grade in our school. Mrs. Natasha Craft is an invaluable asset to Pulaski Elementary and the Pulaski County School District. Because of her love and enthusiasm for the curriculum behind PLTW Launch, our students are excited and on fire about Science, Technology, and Engineering!"

Angela Wilson,
Pulaski Elementary School Principal

"Mr. Dailey has been instrumental in bringing PLTW to our district, and has played a significant role in creating awareness about the program, garnering the support of teachers, students, and parents, and successfully implementing the program in his building. Due to his advocacy, our district has become a leader in terms of the quality of the PLTW program offered."

Jo Ellen Lanthan, Ed.D, Executive
Director of Curriculum and Instruction,
Southeast Polk Community Schools

2023-24 NATIONAL PLTW ADMINISTRATOR OF THE YEAR



MIKE DAILEY
Southeast Polk Community
School District, Iowa

- o 13 years as the SEP Junior High Principal
- o 16 years as the principal at the junior high level
- o Part of curriculum team that started PLTW at Southeast Polk Junior High

A strong community is as important to teacher success as great content, so we're intentional in fostering a **supportive network for educators.**



A PLTW Launch Conference

PLTW hosted the inaugural Sparking Curiosity, an event designed specifically for elementary STEM educators, in St. Louis January 29 to January 31, 2024. More than 500 attendees from 33 states experienced hands-on learning, explored all 42 PLTW Launch modules in the Exploratorium, and heard from inspiring keynotes such as PBS Kids writer and producer Marisa Wolsky and renowned author and educator Ron Clark.

The event opened with an offsite dinner at the City Museum of St. Louis where attendees played and interacted with the fun atmosphere, just as their PreK-5 students might. Over the course of two and a half days, educators selected from 48 breakout sessions. A highlight of the conference was the Exploratorium, which was organized by grade level. The space allowed educators to experience each module of the curriculum, understanding how they align to standards and flex to fit into multiple grade levels.

96% of Sparking Curiosity attendees were satisfied with their overall experience.

83% of Sparking Curiosity attendees were motivated to grow or sustain their PLTW Launch program

Sparking Curiosity Post-Event Survey

Inaugural Sparking Curiosity attendees represented...

33
STATES



131
DISTRICTS

207
SCHOOLS

"The conference was fantastic! I left feeling refreshed, inspired, and ready to tackle the second half of the year."

PLTW Launch Teacher



CURRICULUM UPDATES

- Modules were updated to reflect new VEX equipment, allowing teachers and students to benefit from state-of-the-art robotics.
- Expanding access for all students, the Spanish PLTW Launch Log is now available through the PLTW Store.
- Math connections in the curriculum now help educators and students understand where math skills are applied throughout STEM learning experiences.



67,773
Teachers Trained

4,149
Programs

FROM A PLTW LAUNCH TEACHER

"PLTW has given us a way to help students approach problem solving in many different ways—sometimes it is messy, sometimes it is loud, and it is always fun. We know we are learning when we engage with PLTW!"

2023-24 NATIONAL PLTW LAUNCH TEACHER OF THE YEAR

HEATHER HOOVER

McKinley STEM Academy,
Ohio



- Oversees the reading and math curriculum at McKinley STEM Academy
- PLTW Launch Lead Teacher
- District Coordinator Odyssey of the Mind program
- Head advisor for the district's 4-H program
- Professionally certified in Elementary Education PreK-5 and holds endorsements in both Reading and Gifted Education for grades K-12
- Under her leadership, 100% of McKinley STEM Academy teachers have been trained in PLTW

"Ms. Hoover is dedicated to infusing STEM into all aspects of daily core instruction. Ms. Hoover provides co-teaching opportunities for all staff to provide 90 minutes each day in the Project Lead The Way Launch Lab. Ms. Hoover is dedicated and loyal to her students and colleagues. She never settles for status quo but rather seeks ways to improve the learning experience for students and the work experience for those on her team."

Dr. Shana M. D'Aurora-Wydra, Director of STEM & Career Technical Education, Steubenville City Schools



Our signature core training is intensely collaborative professional development, taught by **PLTW-certified Master Teachers.**

PLTW Master Minds

A PLTW Master Teacher Conference

PLTW Master Teachers, who are current classroom practitioners and leaders from across the U.S., gathered in Dallas, Texas for our inaugural MasterMinds: A PLTW Master Teacher Conference, an event designed exclusively for PLTW Master Teachers to celebrate achievements, provide professional development, and offer networking opportunities that encourage innovation and feedback.

PLTW Master Teachers were the first to learn of the delivery system transition, an announcement which earned shouts of glee from the audience. Many joined the "Change Champion" team to support our work in that two-year transition. Attendees celebrated and reconnected with each other, spent time learning from PLTW and each other, and shared critical feedback during open sessions. In large group sessions, PLTW Master Teachers learned more about the curriculum design process and the PLTW brand.

98% of MasterMinds attendees were satisfied with their overall experience.
MasterMinds Post-Event Survey



CURRICULUM UPDATES

- The Automation and Robotics unit now has two versions of each build guide to allow flexibility for schools to choose between the VEX EXP and VEX V5 platforms.
- The Computer Science for Innovators and Makers unit now includes a new resistor with improved functionality and reliability.

→ **24,017** Teachers Trained
5,163 Programs



2023-24 NATIONAL PLTW GATEWAY TEACHER OF THE YEAR

CHRISTINE PLUMIER
Sevier Middle School,
South Carolina



- Taught in Greenville County, South Carolina for over 17 years
- Leads one of the largest robotics programs in South Carolina
- Holds professional development sessions for Greenville County Schools

"As principal of Sevier Middle School, I have seen Mrs. Plumier grow from a great teacher to a leader of teachers. Other schools have seen her great success and have asked if they can send their PLTW teachers to Sevier to learn from Mrs. Plumier. She has built her successful program over the past nine years with dedication, commitment, and advocacy."

Chad Maguire,
Principal,
Sevier Middle School

FROM A PLTW GATEWAY TEACHER

"As a teacher who has taught PLTW for over 12 years, I have seen students who aren't successful in other classes really find their niche in PLTW classes. **These students are engaged and utilize critical thinking skills in new ways**, as well as build self-efficacy in their skills."

Through an interactive, real-world approach, students **gain the confidence** they need to **develop problem-solving skills.**

SOLVING FOR “WHY”



PLTW helps answer the question “Why do I need to learn Algebra?”

Research shows that Algebra 1 is the single most failed class in American high schools. In fall 2023, we announced development of a new program, PLTW Algebra 1 Advantage, to address the significant challenges that students experience in Algebra 1 education. We published the program in April 2024, and teachers could begin training as early as summer 2024.

Using research, in-depth interviews, and a survey involving over 500 educators, we generated concepts and refined ideas for PLTW Algebra 1 Advantage. Through educator and student feedback, along with rigorous testing in real educational environments, we leveraged an iterative process to ensure this new offering

LEARN MORE ABOUT THIS NEW PROGRAM HERE



effectively addresses the identified gaps in Algebra 1 education. The result is a thoroughly evaluated, practical, and engaging supplemental program that can be implemented anytime throughout the year to enhance Algebra 1 learning and empower educators and students in their mathematical journey.

This transformative supplemental curriculum for middle and high school students bridges abstract mathematical concepts with real-world applications. By fostering an environment of active participation and meaningful exploration, the program brings mathematics to life, making it accessible and engaging for diverse learners.

*By the end of FY24, four teachers had already completed training to use the curriculum. In 2024-25, the first year that the program is available, we expect the year to begin with more than **300 teachers** trained and more than **175 PLTW Algebra 1 Advantage programs** across **36 states**.*

FROM A PLTW COMPUTER SCIENCE TEACHER

“Our PLTW Cybersecurity program has been a transformative addition to our school’s curriculum. Not only does it provide students with essential skills in a rapidly evolving field, but **it also fosters critical thinking and problem-solving abilities**. Watching our students engage with real-world cybersecurity challenges and seeing their excitement as they develop solutions is truly inspiring. **I witnessed firsthand how students have thrived in this program, and I believe it prepares them well for future academic and professional endeavors.**”



CURRICULUM UPDATES

- Enhancements to the Self-Driving Vehicle in Computer Science Essentials offers superior object and color detection capabilities.
- Students taking the Cybersecurity course are now eligible for college credit through the American Council on Education (ACE).
- Computer Science A now includes course enhancements for teachers and students, including a new Java Certification unit, which prepares interested students to take the Java SE 8 Programmer 1 certification Exam.

5,050
Teachers Trained

1,349
Programs

2023-24 NATIONAL PLTW COMPUTER SCIENCE TEACHER OF THE YEAR



APRIL SCHERMANN
Normal West High School
Illinois

- PLTW Master Teacher
- National Board Certified teacher since 2012
- Runs Girls Who Code Club and CyberPatriot team
- Facilitates a free K-8 Coding Night with over 200 students from local community

“April’s leadership in Project Lead The Way (PLTW) doesn’t just end with her own classroom, as she is a trainer for high school teachers across the nation during the summer, focusing on curriculum content and improvement. If there is a grant out there to support computer science growth in our school, April will find it and often win it. She finds opportunities to incorporate an equity lens in the STEM field, making sure to represent females and students of color within each aspect of the achievement goals she has set for our computer science program at Normal West High School and in the Bloomington-Normal community.”

Angela R Codron,
Normal Community West High School, Associate Principal



ALORA MAZARAKIS

ALUMNI SPOTLIGHT



When Passion Meets Education and Experience, Dreams Take Flight!

When it comes to pursuing a dream career, sometimes all it takes is the right support and exposure. Alora Mazarakis, a flight communications and tracking engineer on the Artemis program at NASA and former PLTW Engineering student, is a shining example of how combining the right education with life experiences can make their dreams come true.

In high school, Alora knew she wanted to work for NASA but was unsure how to achieve that goal. She enrolled in an introductory PLTW engineering course at Martha Layne Collins High School in Kentucky. Through the hands-on activities, she learned how engineers design and problem solve and how the various engineering disciplines shape the world.

Alora is now contributing to deep space exploration through her role with the Artemis missions at NASA. As a flight communications and tracking engineer, Alora is making contributions to space exploration by ensuring communication goes smoothly with the rocket during launch and while it is in space.

Nurtured by aerospace wonder and propelled by PLTW's Engineering program, as well as NASA's Student Launch program, Alora's story illustrates how passion, education, and experience can pave the pathway to achieving one's dreams.

HEAR ALORA'S STORY HERE



The PLTW curriculum engages students in **compelling, real-world challenges** that help them become better collaborators and thinkers.

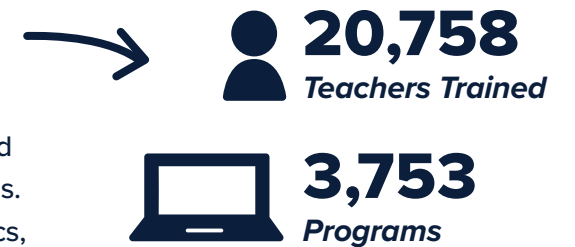
FROM A PLTW ENGINEERING STUDENT

"I really enjoyed the process of building something from start to finish in the PLTW projects. Taking a PLTW project from the concept and design phase all the way through the actual construction was so much better than just doing it on paper. **The hands-on aspect of PLTW was really engaging for me.**"

PLTW ENGINEERING

- We published an updated Principles of Engineering course in December 2023 bringing the course in line with equipment and processes utilized in industry.
- The Digital Electronics course is updated to align with the CHIPS and Science Act, offering potential local funding opportunities for schools.
- Students taking Civil Engineering and Architecture, Digital Electronics, or Principles of Engineering courses are now eligible for college credit through the American Council on Education (ACE).

CURRICULUM UPDATES



2023-24 NATIONAL PLTW ENGINEERING TEACHER OF THE YEAR



TRACY SWEDLUND
Medford Area Senior High School
Wisconsin

- PLTW Master Teacher
- National Board Certified
- Volunteered on many projects with his students like the Wisconsin Citizen Stream Monitoring Network, the Purple Loosestrife Study, Deer Study, and Water Quality Study

"Tracy demonstrates commitment to enabling and empowering students to develop key transportable skills important for college and career success. He treats his students like scientists and expects them to be scientists. Tracy creates an inclusive classroom environment, so all students feel a sense of belonging. He has high expectations for all students and because of his strong student teacher relationship his students meet those expectations."

Laura Lundy,
Director of Curriculum and Instruction,
Medford School District

Students experience **state-of-the-art tools and techniques** while exploring career paths for any future they choose.



//CODiE//
2024 SIIA CODiE WINNER



OVER
1.7 MILLION
EXPERIENCE VISITS

6,802
FAVORITES BY
PLAYERS

1,835
THUMBS UP
76.3% POSITIVE OVERALL

7.1 MINUTES
AVERAGE GAMEPLAY
SESSION LENGTH*

689
AVERAGE DAILY
NEW USERS*

882
AVERAGE DAILY
ACTIVE USERS*
*over a 90-day period

Find out how the human immune system defends against pathogen invasion in PLTW's first learning experience on Roblox™. In each mission, students are transported into the body of a sick patient to take on an active role in the response. Players transform into one of five different white blood cell types, learn their unique abilities, and work with other players to protect the health of the host.

Recently named Best Educational Game of 2024 by CODiE, Pathogen Patrol deepens knowledge of complex systems, develops collaborative skills, and makes learning fun. It also earned the GEE! Award for best Formal Learning Game in 2024.

COMMENTS FROM PLTW'S ROBLOX™ CHANNEL

"As an absolute SCIENCE 🧪 NERD 🤓, I approve of this game!!! It is fun and educational, and I totally wouldn't play any other game. THANK YOU FOR THIS MASTERPIECE 🙌"

"This is so fun I love it. It gives a clear understanding and will help lots of people who struggle to understand Pathogens through books."

"I personally really like that pathogen game, fun way to learn :3 and also I'm gonna be an Emergency Medicine Doctor in 11 years :p"



CURRICULUM UPDATES

- o PLTW Biomedical Science teachers are trailblazing as the first to experience the enhanced myPLTW platform. This transition improves the classroom experience for teachers and students and the Core Training experience for PLTW Master Teachers and participants.
- o Students who have taken Human Body Systems, Medical Interventions, or Principles of Biomedical Science are now eligible for college credit through the American Council on Education (ACE).
- o The PLTW Biomedical Science pathway now integrates key elements of the standalone COVID-19 module into the updated curriculum, ensuring students continue to benefit from these critical insights in a more streamlined, context-appropriate manner.

6,805
Teachers Trained

1,764
Programs

**2023-24
NATIONAL PLTW
BIOMEDICAL
SCIENCE TEACHER
OF THE YEAR**



Debra Moreno
Norwalk-La Mirada Unified
California

- o Brought TeenCERT to school campus
- o Started teaching career at 48-years-old
- o Advocated for certification opportunities for her students, started and advised multiple clubs, and worked to build partnerships in the community to get students real-world experiences, internships, and jobs

"Debra Moreno is the key reason for the success of the PLTW Biomedical Science Pathway at La Mirada High School. She has advocated for certification opportunities for her students, started and been the advisor to multiple clubs, and worked to build partnerships with the community to get her students real-world experiences, internships, and jobs."

*Lauren Levy, PLTW Coordinator
Norwalk-La Mirada Unified School District*

**FROM
A PLTW
BIOMEDICAL
SCIENCE
TEACHER**

"One of the most rewarding aspects of teaching in this program is seeing students develop a genuine passion for biology and healthcare. Through hands-on laboratory experiments, interactive projects, and real-world case studies, students not only acquire scientific knowledge but also cultivate critical thinking, problem-solving, and collaboration skills that are essential for success in the field."

You can be confident that **PLTW curriculum is relevant and evidence-based** because industry leaders help us make it that way.

PLTW PARTNERS

PLTW's diverse partnerships include Fortune 500 corporations, local businesses, foundations, nonprofits, and more, and partner organizations support PLTW in a variety of ways. We applaud these partners for their dedication to high-quality STEM and career learning.

3D Molecular Designs
3M
3PI Tech Solutions Inc.
Ameren Illinois
Ameren Missouri
 American Society of Anesthesiologists
Aramco Services Company
Arconic Foundation
Ardagh Group
Arthur F Blanchard Trust (BNY Mellon, N.A., Co-Trustee)
 Autodesk
 AWS
 Bayer Fund
Boeing Company
Boston Scientific
 Burns & McDonnell
Carolina Biological Supply Company
 Caterpillar Foundation
Chevron U.S.A. Inc.
 Competitive Power Ventures, Inc
Conсор North America
Designed Conveyor Systems
 Duke Energy Foundation
 Edvotek
 Electronix Express
Eli Lilly and Company Foundation, Inc.
EQT Foundation
Evonik Corporation
ExxonMobil
Greater Milwaukee Foundation
Hologic

Hyundai American Technical Center
Indiana Commission for Higher Education
Intelitek
 J.M. Huber Corporation
John Deere Foundation
 Kern Family Foundation
Lilly Endowment, Inc
Lockheed Martin
NI
The ON Semiconductor Foundation, a Giving Now program at onsemi
 One8 Foundation
Onshape
Phillips 66
PPG Foundation
Regeneron
Rhode Island Department of Elementary and Secondary Education (RIDE)
Roblox Community Fund PB LLC
Roche Corporation
SolidProfessor
Tennessee Department of Education
The Goizueta Foundation
The Pentair Foundation
 Total Energies
 Toyota
 Verizon
 Vernier
 VEX Robotics
 Ward's Science - Sargent Watch
Xcel Energy Foundation
 Your Image Works

*Those listed in bold made new financial commitments to PLTW in 2023-24.

PARTNER SPOTLIGHT



For more than a decade, Lockheed Martin, a PLTW Transformative Partner, has supported the PLTW Grants program, expanding access to high-quality STEM curriculum for students and teachers across the U.S. Since 2014, Lockheed Martin has donated approximately \$12 million to PLTW Grants, giving more than 136,415 students exposure to STEM learning and career exploration and supporting more than 1,735 educators in attending PLTW's transformative professional development experiences.

The partnership goes beyond vital grant support and includes a high school internship program for PLTW students that has led to full-time job offers with the company for select participants. Over the years Lockheed Martin has awarded college scholarships to PLTW students and connected engineering professionals with students through mentoring and volunteering initiatives. Lockheed Martin

has sponsored several PLTW Summit events, provided financial support for strategic priorities that improved user experiences for PLTW students and teachers, and their employees participated in the curriculum advisory committee that oversaw updates to PLTW's Aerospace Engineering course.

"Lockheed Martin's long-standing support of PLTW is a great example of the impact our Transformative Partners make," PLTW President and CEO Dr. David Dimmett shared. "Their financial support to expand access and grow PLTW programs across the country is noteworthy, and their commitment to our philanthropic mission runs much deeper. The opportunities they provide in and out of the classroom offer real-world experiences, career connections, and tremendous opportunities for PLTW students and educators. I am grateful for Lockheed Martin's holistic approach to supporting the important work we do."

PLTW TRANSFORMATIVE PARTNERS



We're in conversation with policy makers and partners in technology and business to make sure we're incorporating the latest, real-world applicable knowledge.

FISCAL YEAR 2024

FINANCIAL REPORT

TOTAL REVENUE
(including Contributions)

\$118.1 Million

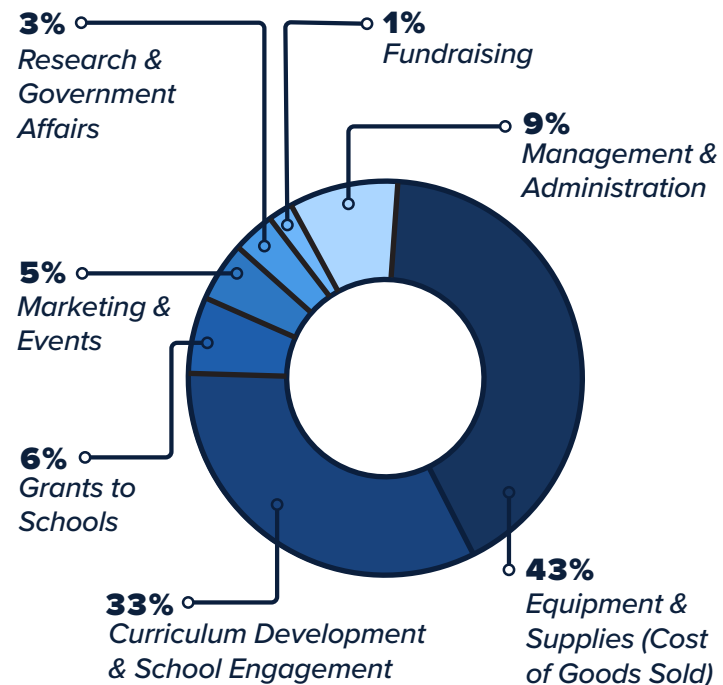
TOTAL EXPENSE
(including Grant Awards)

\$113.5 Million

TOTAL FUNDS RAISED

\$25 Million

PLTW TOTAL EXPENSES



ADVOCACY AT STATE AND NATIONAL LEVELS

The Policy and Government Relations Team advocates at the state and federal level for policies that support the PLTW mission and align with the objectives of the PLTW network. The team develops and is guided by a research-based policy framework to pursue exceptional career learning for all.

1 RELEVANCE

- Curriculum that Counts
- Skills-Embedded Strategies

2 ACCESS

- Strive for Equity
- Computer Science
- PreK for All
- Middle Grades Career Learning

3 EXCELLENCE

- Best-in-Class Professional Development
- Sensible Credentialing & Endorsement
- Diverse and Effective Educator Workforce

WORKFORCE DEVELOPMENT SPOTLIGHT

PLTW has joined with other national groups to advocate for sensible AI policy, effective CHIPS+Science implementation, and emerging opportunities to support education and workforce development across the country. Team members monitor the budget cycle closely and work with individual members of Congress and their staff to communicate PLTW policy goals and connect leaders with programs in their districts whenever possible.

CHIPS & Science Act of 2022 authorized \$50B to support the semiconductor industry that is vital to our entire economy – including aerospace, automobiles, communications, defense systems, information technology, manufacturing, medical technology, and others.

PLTW's role in the CHIPS Act is to assist those industries and communities involved in this effort. PLTW can help consult and formulate education and workforce development plans to improve the education pipeline to support upcoming efforts.

The Tech Hubs Program is included in the CHIPS & Science Act providing direct connections to PLTW's robust biomedical sciences pathway.

To maintain ISO 27001:2022 certification, PLTW follows its own, approved Information Security Management System (ISMS) that includes regular management reviews, audits, risk assessments, and staff training. These efforts ensure continuous improvement and address any issues, helping to enhance the ISMS over time.



Project Lead The Way's Information Security Management System has been certified by SRI Quality System Registrar to conform to ISO 27001:2022 as of June 30, 2024 through June 29, 2027.

FROM PLTW STUDENTS

"PLTW has been so much fun! I never knew science and math could be this exciting. I love working on projects with my classmates and coming up with creative solutions to problems. **Thanks to PLTW, I feel like I can do anything!**"

PLTW Launch Student

"PLTW has had a positive impact on me since I started my involvement with the program in middle school. Though I had been interested in Computer Science prior to middle school, **PLTW allows me to experience firsthand parts of the computer science world and solidified my passion for it.** I've been enabled to explore different programming languages and figure out what I like the most. **I believe PLTW has inspired me to pursue computer science in my higher education.**"

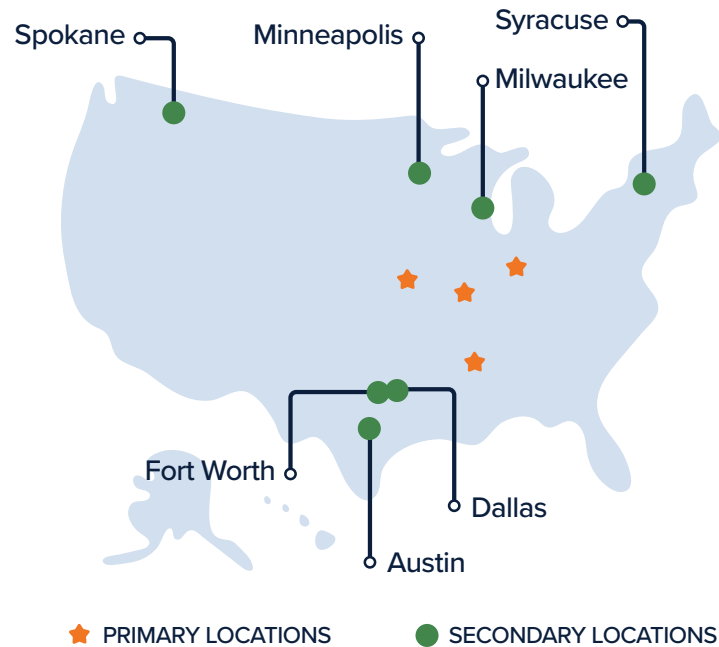
PLTW Computer Science Student

Created by teachers and led by educators, PLTW motivates, prepares, and supports teachers as they strive to **make every student in every grade STEM-successful.**

BUILDING STRONGER STEM ECOSYSTEMS

The new Community Partnerships team expanded PLTW's partner relationship with STEMconnector and established three new partnerships with national initiatives during the 2023-24 school year:

- **Beyond 100k**
- **STEMM Opportunity Alliance**
- **The STEM Learning Ecosystems Community of Practice**



The team focused on four primary STEM ecosystems around the country and conducted an educational landscape analysis on seven secondary locations.

★ **KC STEM Alliance | MO & KS**

- 94,562 students engaged in PLTW during 2023-24 school year
- Intensive Launch intervention in urban school district with corporate & community partners
- Largest PLTW Senior Showcase in the country – 350 students from 40 high schools, \$11,500 in scholarships awarded

★ **Grenada STEM Alliance | MS**

- Grenada STEM Alliance established in August 2023
- Grenada PLTW Impact Profile released in February 2024
- Robust ecosystem of partners including Grenada School District, Grenada Public Education Foundation, Milwaukee Tool, Modine, and others

★ **STEMSTL | MO & IL**

- Hosted second PLTW Senior Showcase - \$7,500 in scholarships awarded
- Two PLTW capstone projects on display at St Louis Science Center in Summer 2024
- Hosted inaugural regional administrators' meeting in February 2024

★ **Indy STEM Alliance | IN**

- Identification of Marian University as intermediary partner
- Planning meetings for the establishment of the Indy STEM Alliance
- Grant writing to secure funding support for the Indy STEM Alliance

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PLTW

Project Lead The Way

Project Lead The Way is a 501(c)3 national nonprofit serving schools of every type and demographic in all 50 states. We believe all students - beginning at a young age - need access to real-world, applied learning experiences that empower them to thrive in college, career, and beyond.



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