PLTW

2025 Annual Report

Mission:
Empower students to thrive in an evolving world.

To our network of partners and customers,

For over 28 years, PLTW has empowered students with the knowledge, skills, and confidence for post-high school success. Our mission and work have never been more important. As I reflect on the past year, I am proud to share the successes and progress we have made in providing students with meaningful, real-world learning experiences so they remain motivated, involved, and connected to their education. As we take a look back, I'm also reminded of how it has prepared us for today, with a stronger and renewed focus on career learning. This has always been at the core of what we do at PLTW, and we remain steadfast in our commitment to lead the way forward.

The foundation we've built over nearly three decades has uniquely positioned us to meet today's growing demand for career-connected learning. From our earliest programs to our expanding pathways, PLTW has always championed hands-on learning, problem solving, and career readiness. Now, as we're seeing shifts nationwide toward workforce development and future-ready skills, we are continuing to lead with a vision shaped by decades of experience and innovation in this career-connected space.

We began fiscal year 2025 with a goal to reach and impact even more students and educators. This past school year, PLTW programs were in roughly 20 percent of PreK-12 school districts across the country, including nearly 80 percent of the 300 largest districts.

Our accomplishments demonstrate what's possible in preparing students for success. We are proud to share the following achievements from this past year:

- We hosted more than 1,400 educators and industry leaders from across the country at PLTW Summit 2024 in San Diego, California, inspiring attendees to foster innovation and make a lasting impact in their classrooms.

- We successfully completed a two-year effort to transition all PLTW content to a new platform, tremendously improving functionality and accessibility for our courses.

- We made impactful curriculum updates and enhancements to our Algebra 1 Advantage course, transforming how students experience mathematics nationwide, with 177 schools in 37 states implementing the program. Our educators report increased student engagement and deeper understanding of algebraic concepts through real-world application.

- PLTW awarded 1,773 grants totaling more than $18.6 million to schools in 45 states and Washington D.C. to help implement and expand PLTW programs.

- We launched a new podcast, "InspirED: A PLTW Podcast," which features discussions on current educational topics with industry leaders, policy makers, and educators.

PLTW remains deeply committed to empowering educators with the tools, programs, and support they need to strategically invest in high-impact STEM education that prepares students for the careers of tomorrow. As I look ahead to the new year, I do so with optimism and confidence. This work would not be possible without the support of our entire network, our team, and incredible partners. Together, we are preparing students for successful careers and fulfilling lives by building both their technical knowledge and transferable skills.

Thank you for your continued support and commitment to our shared mission.

Sincerely,

Dr. David Dimmett
President and Chief Executive Officer
Project Lead The Way

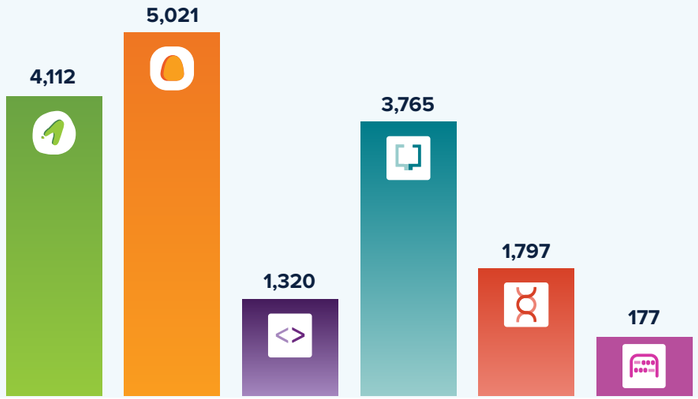
Our Reach in the 2024-25 School Year

12,575
Schools

2,355,471
Students

16,192 Programs

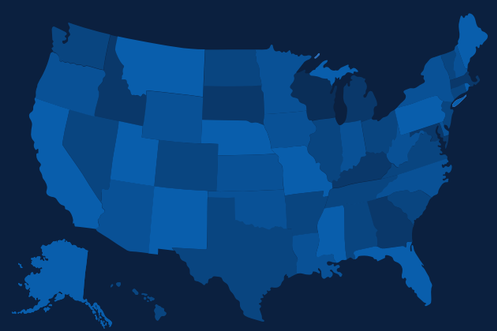
PLTW Launch – 4,112
PLTW Gateway – 5,021
PLTW Computer Science – 1,320
PLTW Engineering – 3,765
PLTW Biomedical Science – 1,797
PLTW Algebra 1 Advantage – 177



125,501
Total Teachers Trained

PLTW LAUNCH	72,736
PLTW GATEWAY	26,019
PLTW COMPUTER SCIENCE	9,997
PLTW ENGINEERING	23,352
PLTW BIOMEDICAL SCIENCE	10,771
PLTW ALGEBRA 1 ADVANTAGE	387
Computer Science Foundations	291

All 50 States
Plus D.C.



280+

STEM Careers Embedded in PLTW Curriculum

Demystifying AI in Education:
Empowering Educators for the Future

PLTW launched *Demystifying AI in Education*, a groundbreaking professional development course designed to help educators understand and harness the power of artificial intelligence in the classroom. This course, part of the PLTW Professional Development Suite, responds to the growing curiosity among teachers about how generative AI (GenAI) can transform teaching and learning – while addressing widespread uncertainty about how to begin. Through interactive discussions, hands-on projects, and guided exploration, participants learn how AI tools can support lesson planning, assessment, and student creativity. The course emphasizes practical strategies for integrating AI ethically and effectively across grade levels and subject areas.

The program's impact has been both broad and meaningful, with educators from 31 states participating. Participants report strong satisfaction with the training and have consistently praised the clarity, relevance, and immediate applicability of the content. One participant called it "highly relevant content that is immediately useful and impactful." Others noted that the course fostered essential dialogue about AI adoption within their schools.

To bring this professional development course to life, PLTW has collaborated with industry partners such as Amazon Web Services (AWS), higher education experts, and experienced K–12 advisors. These partnerships ensure that the training reflects both the rapid evolution of GenAI technologies and the real-world challenges educators face – such as varying district policies and limited access to approved tools. The course's flexible design accommodates all levels of technical proficiency, offering personalized facilitator support and differentiated projects to meet diverse learner needs. Through initiatives like *Demystifying AI in Education* and ongoing work in the AI space, including a pilot professional development offering impacting teachers across Massachusetts, PLTW is preparing educators for a rapidly changing digital landscape – equipping them to guide students not just in using AI, but in understanding and shaping the technology's role in their world.

PLTW Grants

PLTW awarded 1,773 grants to schools totaling **$18.65 million** in 2024-25.

PLTW has awarded

$134 million

in grants to schools over more than a decade

31% Rural	**39%** Suburban	**30%** Urban

74.14% High Need*

*confirmed over 40% free and reduced-price lunch

Distinguished Districts and Schools

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.

Number of Distinguished Schools and Districts

1,131
Schools

28
Districts

Schools Include:

PLTW LAUNCH	545
PLTW GATEWAY	246
High School	432

71% of PLTW high school students agree that PLTW helps them learn about different jobs and careers.

Source: 2024-25 Voice of Customer Student surveys

PLTW Community Impact Awards: Celebrating Winning Student Groups

Students across the U.S. are making an impact in and out of the classroom. This year, PLTW announced the winners of the second annual Community Impact Awards, which recognize one middle school and one high school student-led community project.

Students from Elkhorn Area Middle School in Elkhorn, Wisconsin, won the middle school award with their project *Picnic with Purpose*. The project addressed the lack of accessible seating in a downtown Elkhorn park. Using their classroom skills, the students designed and built durable, ADA-compliant picnic tables to create a more inclusive space for everyone in their community.

The PLTW Capstone students at Academy of Information Technology and Engineering in Stamford, Connecticut, received the high school award for their *PinchPals* project. They combined their biomedical science and engineering expertise to tackle a big challenge – needle fear and injection pain. They designed an innovative device with fun, customizable animal characters to help reduce anxiety and discomfort during injections, especially for children with Type 1 diabetes.

In total, PLTW received 41 submissions and is so proud of all the ways that PLTW students are making a difference in their communities! See the students present their projects.

These additional outstanding projects will also leave you inspired!

PLTW Professional Development

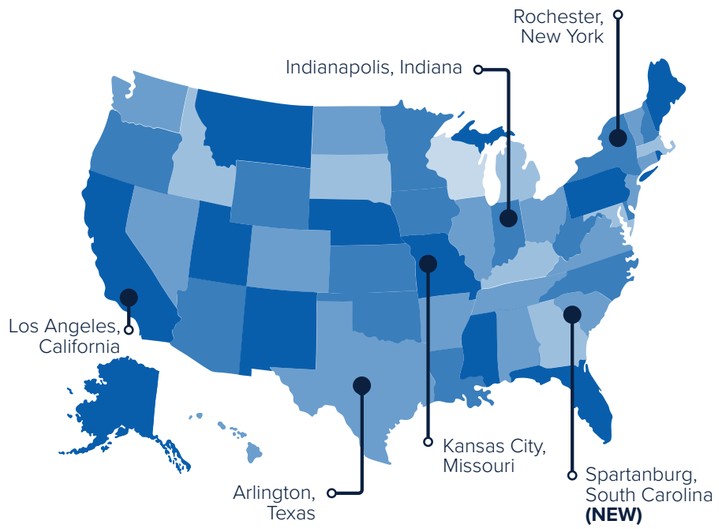
PLTW provides professional development that immerses participants in a collaborative learning environment and challenges them to look at their classrooms in a new way. Professional Development offerings, which are offered in both in-person and virtual formats, include:

- PLTW Core Training – rigorous training required to teach specific PLTW courses
- PLTW's Professional Development (PD) Suite – continuing education for all educators regardless of their status as a PLTW teacher
- District Transformation Trainings (DTTs) – training opportunities covering PLTW Core Training or Professional Development Suite materials designed to benefit up to 30 educators from the same district

Throughout 2024-25, there were 9,686 total training enrollments across PLTW Core Training and Professional Development Suite.

PLTW sees its largest number of training enrollments each summer. During summer 2025, 4,343 unique educators across all 50 states participated in PLTW professional development. The summer season included in-person training in six cities across the country as well as virtual opportunities to ensure that any educator anywhere can complete training.

Summer PLTW Core Training Sites



48 DTTs were held throughout the year for the following courses:

- Algebra 1 Advantage
- Beyond PBL
- Computer Science for Innovators and Makers
- Demystifying AI in Education – *A new* Professional Development Suite *offering for 2024-25*
- Differentiation: Building Classroom Confidence for Elementary Students
- Differentiation: Building Classroom Confidence for Secondary Students
- Flight and Space
- Literacy-Infused STEM Learning (Elementary)
- PLTW Foundational VEX IQ Robotics Training
- PLTW Introduction to VEXcode IQ
- PLTW Launch APB Approach Training
- PLTW Launch Classroom Teacher Training
- PLTW Launch Lead Teacher Training
- Science of Technology

94%

of PLTW Core Training participants are confident in applying the PLTW activity-, project-, and problem-based (APB) instructional approach.

Source: 2024-25 End of Core Training surveys

97%

of PLTW Core Training participants think their students will benefit from participating in the PLTW course.

Source: 2024-25 End of Core Training surveys

87%

of Professional Development Suite participants say that what they learned in their course will make them more effective in their job.

Source: 2024-25 Professional Development Suite surveys

"The most valuable skill I learned at PLTW Core Training was how to effectively integrate project-based learning into my curriculum. This approach not only enhances student engagement but also fosters critical thinking and problem-solving skills by connecting classroom concepts to real-world applications.

PLTW Core Training Participant

Source: 2024-25 End of Core Training surveys

"My favorite experience at PLTW Core Training was the opportunity to collaborate with fellow educators. Sharing ideas, discussing challenges, and brainstorming solutions with teachers from diverse backgrounds helped me gain new perspectives on how to implement project-based learning effectively. Additionally, the hands-on activities allowed me to experience the curriculum firsthand, which gave me a deeper understanding of how to engage students and make learning more interactive and impactful.

PLTW Core Training Participant

Source: 2024-25 End of Core Training surveys

PLTW Summit 2024
Hosted in San Diego

More than 1,400 educators, innovators, and industry leaders representing 48 states came together in San Diego to celebrate creativity and collaboration in STEM education – showcasing the transformative power of PLTW programs. PLTW Summit 2024 featured three days of engaging discussions and hands-on experiences that left attendees inspired to foster innovation and make a lasting impact in their classrooms.

The event included four dynamic keynote speakers:

William Kamkwamba
© Howard County Library System

William Kamkwamba

Known for his remarkable journey to becoming a celebrated inventor and author of *The Boy Who Harnessed the Wind*, William shared his story of perseverance and innovation, highlighting the power of creativity in overcoming challenges.

Emily Calandrelli

A STEM advocate and author who is best known as the host of "Emily's Wonder Lab," Emily took the stage to share her passion for making science accessible and engaging for all students.

John and Hank Green

Known for their engaging content and advocacy for education, John and Hank entertained the audience with their insights on the intersection of creativity, science, and communication.

Throughout the event, participants chose from a wide range of workshops and breakout sessions tailored to various interests and PLTW programs. Attendees explored best practices in implementing PLTW curriculum, discovered new resources, and exchanged ideas with fellow educators. Outside of structured sessions, the PLTW Exploratorium, an interactive space designed for attendees to engage directly with various PLTW programs, gave participants an additional opportunity to participate in hands-on activities while exploring the tools and methodologies that drive student engagement and learning.

87 in-person sessions

Attendees from **48 states,** **534 districts,** and **840 schools**

> Attending the PLTW Summit is a valuable experience for administrators, educators, and supportive partners alike. It offers an opportunity to witness firsthand how the PLTW community fosters collaboration and shares its passion for teaching, all while advancing instructional practices to benefit students.
>
> PLTW Summit 2024 attendee
>
> Source: event survey

> Attending the PLTW Summit allows me to connect and collaborate with other PLTW educators across the nation in engaging and innovative professional development. Even as a veteran PLTW teacher, I was able to discover new tools and resources that can be implemented right away, impacting student growth. I love being able to model for my students continual personal and professional growth.
>
> PLTW Summit 2024 attendee
>
> Source: event survey

82%

of PLTW Summit 2024 attendees said they were motivated to grow or sustain their PLTW program.

Source: event survey

77%

of PLTW Summit 2024 attendees said the event strengthened connections between them and other members of the PLTW community.

Source: event survey

Meet the 2024-25 PLTW Teachers of the Year and PLTW Administrator of the Year

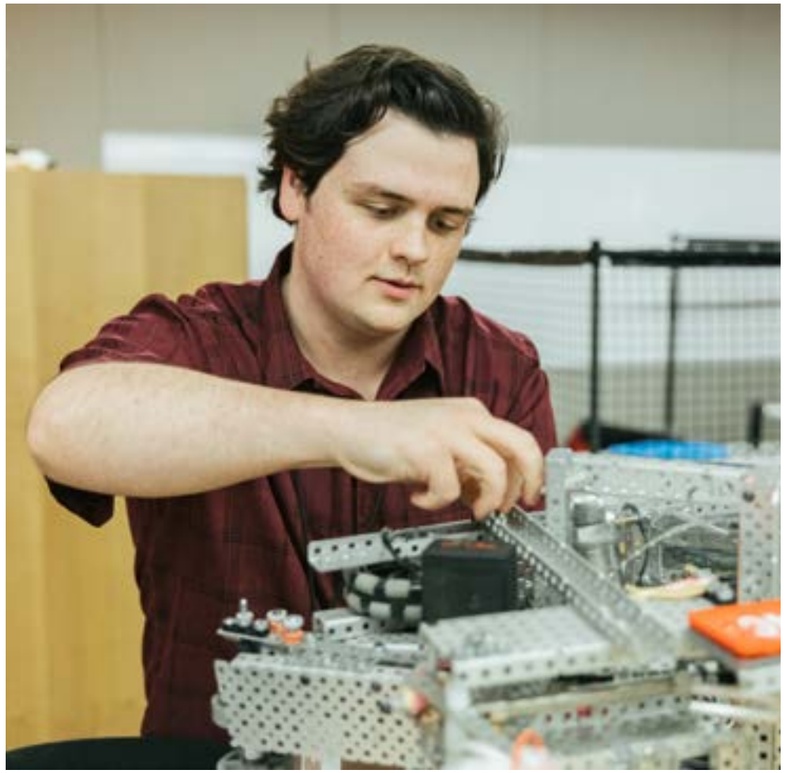
> **These courses are providing students the opportunity to do industry-level work. They connect the content they need to learn with everyday topics found in their lives to help students engage more. They are learning deeply by doing and drawing connections rather than memorizing content.**

PLTW Engineering Teacher

Robert and Patricia Kern PLTW Teacher of the Year

Marisol Pérez
John C. Fremont High School STEAM MAGNET

Marisol Pérez, a retired U.S. Coast Guard veteran, has dedicated much of her life to serving both her country and her community. With more than a decade of teaching experience in South Central Los Angeles, she currently instructs courses in AP Calculus, Statistics for Engineering and Sciences, Principles of Engineering, and Aerospace Engineering at John C. Fremont High School STEAM MAGNET. She also leads the Girls Build – Chicas en STEM outreach program and organizes VEX robotics competitions. Marisol's educational mission focuses on inspiring students from Black and brown communities, particularly young girls, to pursue careers in STEM fields. Her goal is to demonstrate that STEM professionals can come from any background, including women of color from their own communities.



> **Ms. Pérez is such a great teacher because her sense of joy, pride, and passion for teaching us just overall brings a great atmosphere.**

Student of Ms. Pérez

“Her dedication to fostering a hands-on, engaging learning environment through Project Lead The Way has been instrumental in shaping the educational experiences of our students and preparing them for future success.

Coworker of Dr. Mason

National PLTW Administrator of the Year

Kimberly Mason
Rosenwald Elementary School

Dr. Kimberly Sutton Mason, principal at Rosenwald Elementary School in Society Hill, South Carolina, is a dedicated educator and Baptist minister with over 31 years of experience. At Rosenwald Elementary, a STEAM Immersion School, she advocates for rigorous curricula, including PLTW and Targeted Small Group Instruction, and mentors aspiring administrators. She holds a bachelor’s degree in biological sciences from Clemson University, Master of Education degrees in learning disabilities and educational administration from Francis Marion University and the University of South Carolina respectively, and an EdD in educational leadership from Liberty University. Kimberly founded El Levation Ministries Worldwide in 2016 and has led impactful initiatives such as the Royal Roundup Prophetic Teaching Conference and the Homeless Project. She also serves as Assistant Pastor at Little Zion MBC and champions justice and educational equality. Kimberly’s work combines her commitment to education and faith, aiming to inspire and empower her community.

PLTW LAUNCH

National PLTW Launch Teacher of the Year

Amy Magill
East Farms STEAM Magnet School

Amy Magill is a first-grade teacher at East Farms STEAM Magnet School in Newman Lake, Washington, part of the East Valley School District. She is dedicated to integrating English Language Arts with PLTW, aiming to deepen students' understanding. Amy collaborates with her STEAM leadership team to provide engaging STEAM experiences at her school. She serves as a PLTW site coordinator and PLTW Launch lead teacher and has been a Master Teacher since 2015 for both PLTW Launch Classroom Teacher and PLTW Launch Lead Teacher trainings. In her role as a Master Teacher, she values connecting with educators from across the country.

PLTW Launch Program Updates

Expanded Math Connections in PLTW Launch

To support a stronger connection between math concepts and classroom application, PLTW added additional math connections across modules, as well as additional math performance tasks across modules.

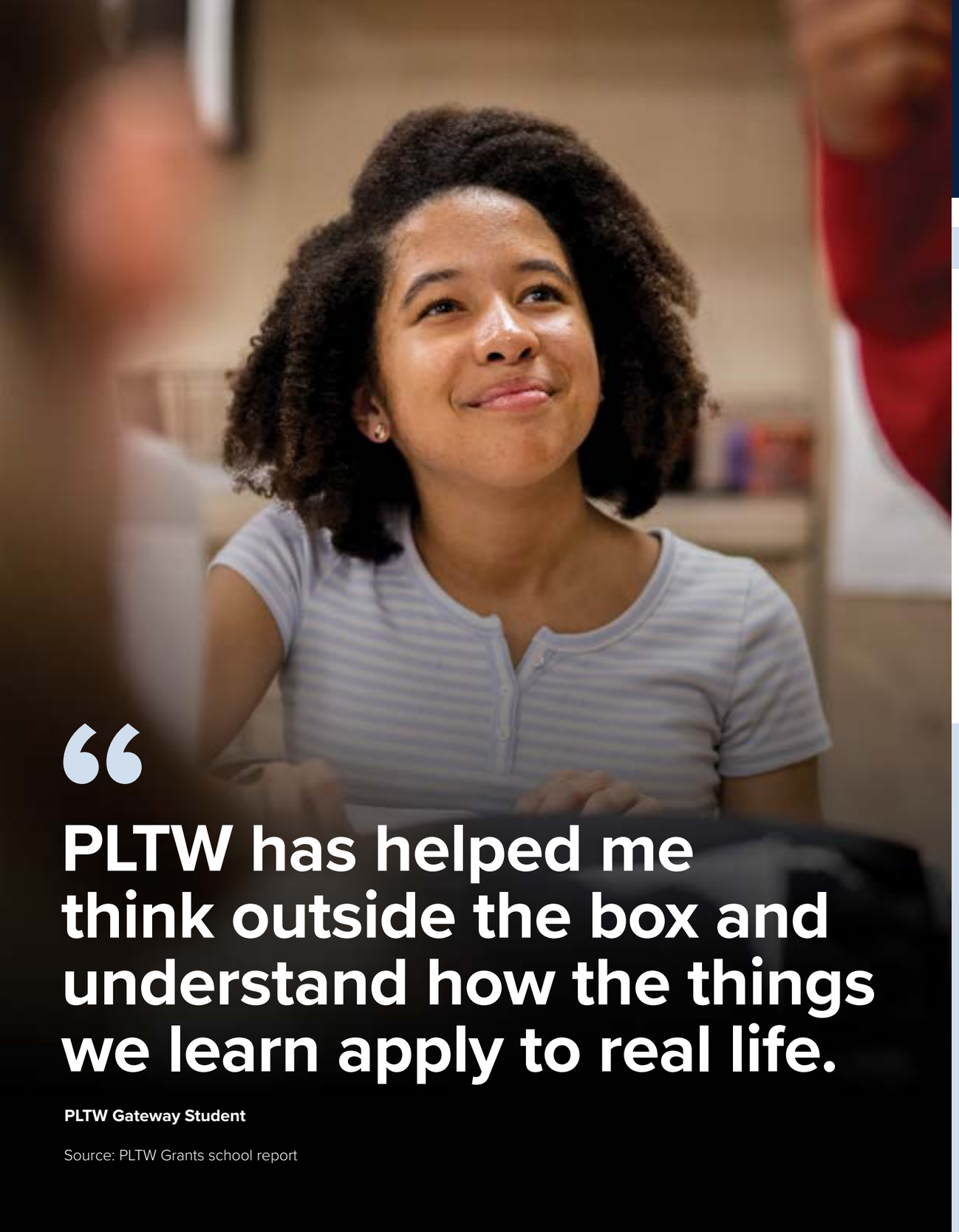
Module Updates

PLTW released updates to the Robotics and Automation and Robotics and Automation: Challenge modules. The updates provide richer opportunities for students to solve real-world problems as they learn about inputs and outputs of robotic systems.

I think PLTW Launch is an excellent program that meets the developmental needs of elementary school students. The program affords them an opportunity to develop transportable skills that help them with future growth and development as well as connect STEM concepts across disciplines.

PLTW Launch Teacher

Source: 2024-25 Voice of Customer Educator surveys



“

PLTW has helped me think outside the box and understand how the things we learn apply to real life.

PLTW Gateway Student

Source: PLTW Grants school report

PLTW GATEWAY

National PLTW Gateway Teacher of the Year

Sarah Leonard
Louis L. Redding Middle School

Sarah Leonard, an accomplished educator since 2011, has dedicated her career to fostering an inclusive and innovative learning environment within the Appoquinimink School District in Middletown, Delaware. Holding a bachelor’s degree in elementary education from Salisbury University and a master’s degree in learning and technology, Leonard is certified in middle-level science, middle-level mathematics, and special education (K-12). Her career began as a middle school special education teacher in mathematics and science, and she currently teaches PLTW courses at Louis L. Redding Middle School, where her passion for teaching has flourished. Sarah is actively involved in her school as the advisor for the National Junior Honor Society, Technology Student Association, and STEM Connect Club, and she contributes to the safety team and equity committee.

She is also a mentor for new teachers and a member of several professional organizations, including the National Education Association and Computer Science Teachers Association. Her exceptional contributions to education have earned her accolades such as the 2023 Delaware STEM Educator of the Year and the 2024 Delaware VFW Teacher of the Year.

PLTW Gateway Program Updates

Refreshed Units

Energy and the Environment, Green Architecture, Magic of Electrons, and Science of Technology were refreshed with enhancements to provide a better learning experience for both students and teachers. New optional activities lay the groundwork for students to use the design process in problem solving and to engage in career awareness and exploration. Additionally, the teacher guides for these four units have been reorganized to provide a more streamlined user experience, and many activities, projects, and problems have been updated to improve the student learning experience. In addition, Magic of Electrons was updated to include a pre-built hand crank generator to power different devices.

PLTW COMPUTER SCIENCE

National PLTW Computer Science Teacher of the Year

Elizabeth Traub
Pittsburg High School

Elizabeth Traub, an established STEM educator at Pittsburg High School in Pittsburg, California, had a surprising path to a role in education, dreaming of becoming a rocket scientist. After graduating from Cal Poly Pomona in 2004, Elizabeth's chance encounter with a former principal led to a substitute teaching role that quickly turned into a full-time position by 2005. Driven by a desire to give back to the community and inspired by their students' challenges, Elizabeth has made a profound impact in education. Their commitment is evident in the many former students who have pursued STEM careers or become teachers themselves. Elizabeth's teaching philosophy blends real-world applications with academic standards, focusing on developing students into thoughtful global and local citizens. Elizabeth also prioritizes professional behavior and inclusivity, creating a classroom environment where students grow both personally and academically.

PLTW Computer Science Program Updates

Computer Science A Alignment with College Board Framework

This year, PLTW worked closely with College Board to ensure the Computer Science A curriculum remains fully aligned with their latest AP CSA Framework. Updates were made to the curriculum for release in the 2025-26 school year, along with updated teacher materials to seamlessly transition to the updated curriculum. The Oracle Certified Associate, Java SE 8 Programmer certification content will remain available as an option for students seeking industry-recognized credentials. This alignment ensures that PLTW students will be fully prepared for the 2025-26 AP CSA exam while continuing to develop the professional skills valued by industry partners.

Computer Science Foundations

PLTW designed and developed a semester-long course that specifically aligns with the Indiana Department of Education's newly added computer science graduation requirement (Indiana 4565). The Computer Science Foundations course includes 80 days of hands-on, structured learning experiences to engage students in individual or group problem solving. Students learn about the fundamentals of computer systems, security, data and simulations, emerging technologies, and the impact of computing. They then transition into algorithms and programming through app development and creative problem solving. Along the way, they practice transferable skills including collaboration, communication, and ethical reasoning. The course also exposes students to a variety of computer science careers and highlights a diverse group of industry professionals.

291 total teachers trained in 2024-25

> **I really appreciated how the PLTW Computer Science program pushed me to solve problems by myself, but I also learned a lot from collaborating with classmates. The real-world coding projects we worked on made me feel like I was actually contributing to something important, and it gave me a sense of what working in tech might be like.**

PLTW Computer Science Student

Source: PLTW Grants school report

“

Taking this class made me realize engineering is something I want to pursue as a career and drove me to look into internship opportunities in engineering.

PLTW Engineering Student

PLTW ENGINEERING

National PLTW Engineering Teacher of the Year

Brian Rhodes
Blackstone Valley Technical High School

Brian Rhodes is the team leader of the engineering and robotics program at Blackstone Valley Tech in Upton, Massachusetts, where he also serves as the PLTW site coordinator. With nearly two decades of teaching experience, Brian has made significant contributions to the field of education, particularly in coaching students through VEX Robotics, FIRST Robotics, ARC Drone, and Skills USA competitions. Brian’s background includes notable service in the United States Navy’s Nuclear Power Program and work within the semiconductor industry, complementing his academic credentials. He holds a bachelor’s degree in nuclear engineering, an accelerated post-baccalaureate in mathematics, and a Master of Education in curriculum and teaching.

PLTW Engineering Program Updates

Advanced Manufacturing

Advanced manufacturing professionals are in high demand, and students need hands-on learning experiences that build the skills and confidence to pursue a career in advanced manufacturing. This year, PLTW announced the launch of a new Advanced Manufacturing course, powered by PLTW’s partnership with the Intel Foundation, to deliver an advanced manufacturing curriculum that immerses students in the semiconductor process, offering a unique and engaging educational experience. PLTW has brought together advanced manufacturing leaders across the U.S. to form a course advisory committee and has begun instructional design planning for the course that will pilot in the 2026-27 school year.

PLTW
BIOMEDICAL SCIENCE

National PLTW Biomedical Science Teacher of the Year

Tanya Adkisson
Dr. Henry A. Wise, Jr. High School

Tanya Adkisson is a dedicated PLTW Biomedical Science teacher and coordinator with over 25 years of experience inspiring high school students in grades 9-12. National Board Certified since 2009, Tanya has committed her career to connecting students' studies to real-world biomedical applications. She has taught a diverse range of subjects, including Algebra I and II, Biology, Forensic Science, and all four PLTW Biomedical Science courses. Tanya's influence extends beyond the classroom as she has served as the science coordinator and helped establish the Science National Honor Society at her school, contributing to its recognition as a Green School and a Distinguished High School for PLTW Biomedical Science. She has also been a curriculum writer and PLTW Master Teacher. Tanya holds a bachelor's degree in biology and a master's degree in emergency health services with a concentration in epidemiology and preventive medicine, and she volunteered as an emergency medical technician before transitioning to education.

PLTW Biomedical Science Program Updates

New Customer Experience

Exploring Biomedical Science (BMS) Open Resource – PLTW created a new customer resource, *Exploring the BMS Curriculum with a Fracture Repair.* The open resource has everything an educator needs to lead a session on Human Body Systems, including a screencast walkthrough video, facilitation notes, student and teacher guides, and the student worksheet. The resource is an excellent model to showcase how engaging, relevant, and meaningful PLTW learning experiences are for students and what support teachers new to the network can expect.

"The labs and activities make the material engaging and help me understand how biomedical science applies in real-world settings. This course has deepened my interest in science and made me excited to learn more.

PLTW Biomedical Science Student

90% of PLTW educators are satisfied with the relevance of PLTW's course content.

Source: 2024-25 Voice of Customer Educator surveys

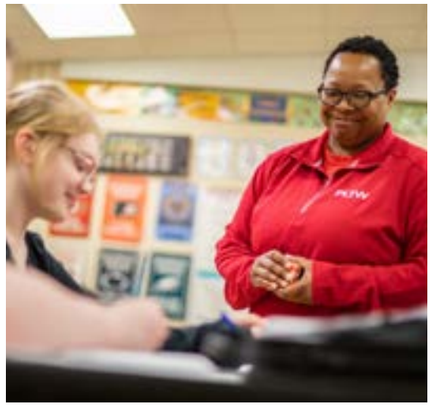
PLTW

ALGEBRA 1 ADVANTAGE

In its first full year of implementation, Algebra 1 Advantage educators reported increased student engagement and deeper understanding of algebraic concepts through this real-world application approach. Teachers are successfully implementing Algebra 1 Advantage across various grade levels (grades 7-12) and achievement levels, from remedial to honors courses. The curriculum's adaptability allows educators to seamlessly integrate investigations, problems, and projects into their existing lesson plans while maintaining alignment with state standards. The program was offered in schools in 37 states during the 2024-25 school year.

69%

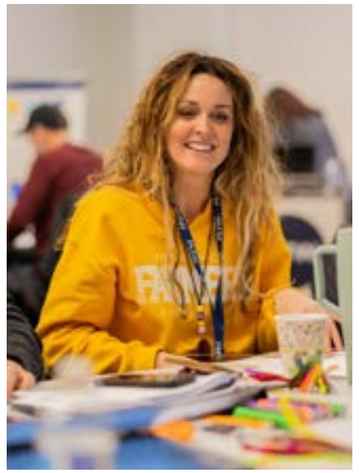
of teachers report that the program is effective at fostering active participation in their algebra classrooms.



Digital Accessibility Efforts
Benefit Students and Teachers

PLTW remains deeply committed to ensuring digital accessibility for all users, including individuals with disabilities. The organization continuously strives to enhance the user experience and uphold the highest accessibility standards across curriculum and professional development offerings. In alignment with this commitment, PLTW has adopted the Web Content Accessibility Guidelines (WCAG) 2.2 Level AA as its standard for digital accessibility compliance.

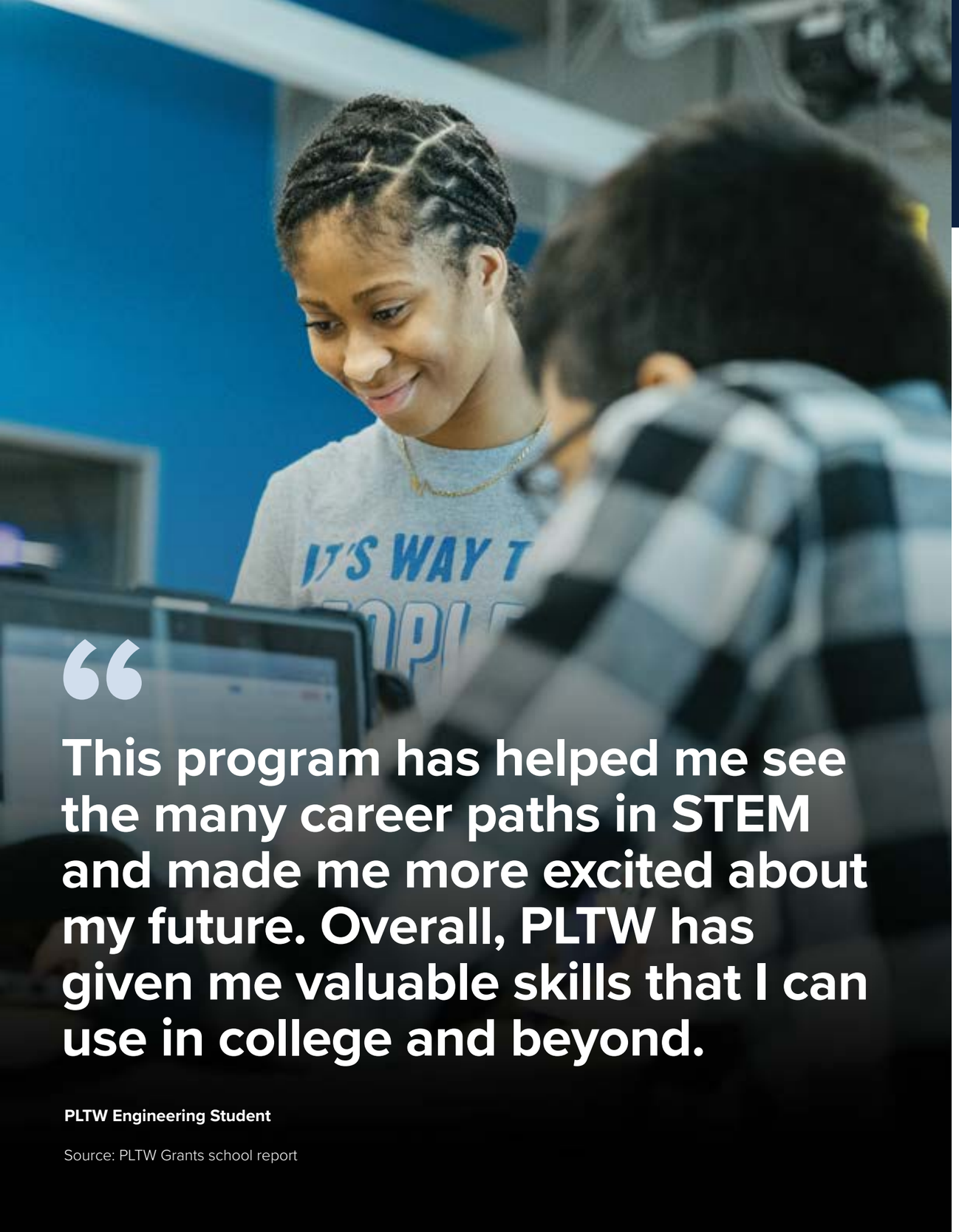
Learn more on our accessibility landing page.



> **Students develop essential skills that are critical in the 21st century, such as teamwork, communication, and analytical thinking. These skills not only benefit them academically but also prepare them for future careers in healthcare and STEM fields.**

PLTW Biomedical Science Teacher

Source: PLTW Grants school report



“This program has helped me see the many career paths in STEM and made me more excited about my future. Overall, PLTW has given me valuable skills that I can use in college and beyond.

PLTW Engineering Student

Source: PLTW Grants school report

PLTW Alumni Spotlight: Aubrey Baker

From PLTW Classroom to Aeronautical Career

Aubrey Baker is an aeronautical structural engineer at Lockheed Martin (or as Aubrey says, she designs the bones of fighter jets). Her journey to Lockheed began in a PLTW classroom in Frisco, Texas, where she completed five PLTW courses throughout her four years of high school.

“My most memorable PLTW experience was working on the capstone project,” Aubrey recalls. “My partner and I developed a portable alarm system that prevents vehicular heatstroke from occurring to infants. Looking back at pictures and videos of our final product, I still can’t believe that we made something that could be critical in saving a child’s life.”

She went on to the University of Texas at Austin where she earned her Bachelor of Science degree in aerospace engineering, graduating with the class of 2023. During college, she had the opportunity to intern at Tesla and SpaceX.

During her senior year, she interviewed with Lockheed Martin and began her engineering career following graduation. In her short time with Lockheed Martin, Aubrey has already received a promotion that moved her to the company’s facility in Marietta, Georgia, where she is also pursuing a Master of Science in aerospace engineering from Georgia Institute of Technology.

“The PLTW courses cover a variety of technical subjects such as engineering principles and computer-aided design (CAD),” Aubrey shared. “These foundational skills are directly applicable to the technical tasks that I perform in my day-to-day job. As a structural airframe designer, I utilize CAD every single day. Luckily for me, working with new CAD software at work has been smooth sailing since I had the privilege of being exposed to it at such a young age – freshman year of high school.”

For more information about Aubrey’s journey from classroom to workforce and the partnership between Lockheed Martin and PLTW, visit our website.

InspirED:
A PLTW Podcast

PLTW launched “InspirED: A PLTW Podcast,” which features discussions on current educational topics with industry leaders, policy makers, and educators. PLTW invites supporters to join the conversation and learn more about the role PLTW programs play in preparing PreK-12 students for the careers of tomorrow. You can find past episodes and subscribe on Amazon, Apple Podcasts, Spotify, or wherever you get your podcasts.

Industry-Recognized Credentials Support Students’ Post-Graduation Success

PLTW’s partnership with the Robotics Education & Competition Foundation (RECF) is adding relevance and job market value for PLTW students in 14 states where RECF’s two industry-recognized credentials (IRCs) are currently approved. The IRCs – Pre-Engineering and Robotics – cover a range of specialties addressed in the PLTW curriculum, creating opportunities for students to develop the skills and credentials they need to be workforce ready. Students who have completed certain PLTW Gateway units or PLTW Engineering courses will be well-positioned to pursue the IRCs.

In addition, PLTW’s partnership with Autodesk and Certiport is expanding student access to the Autodesk Certified User (ACU): Fusion exam. This collaboration is designed to help more students validate their CAD (computer-aided drafting) skills and gain industry-recognized credentials. As part of this initiative, PLTW has created a new resource to guide educators through the process of becoming certified to administer the ACU: Fusion exam, including tips for exam preparation and best practices for supporting student success.

“One of the greatest strengths of PLTW is its flexibility. Schools can implement PLTW programs in ways that best fit their needs, [allowing] schools in both urban and rural settings to tailor the curriculum to the needs of their students and community. The program can also be scaled as needed, allowing for growth over time as schools expand their STEM offerings.

District Administrator

Source: 2024-25 Voice of Customer Educator surveys

PLTW Transformative Partners

Understanding our Partner Types

Transformative	Influencer	Collaborator	Champion	Connected	Engaged
$1M+	$500K+	$250K+	$100K+	$10K+	

PLTW Partners

Influencer Partners

Caterpillar Foundation
Indiana Commission for Higher Education
J.M. Huber Corporation
SolidProfessor

Collaborator Partners

Arconic Foundation
ExxonMobil

Champion Partners

3M
Ameren
Aramco Americas
Arthur F Blanchard Trust (BNY Mellon, N.A., Co-Trustee)
Boston Scientific
Eli Lilly and Company Foundation, Inc.
Lam Research Foundation
Regeneron
Steans Family Foundation
The ON Semiconductor Foundation

Connected Partners

Designed Conveyor Systems
Duke Energy Foundation
EQT Foundation
L3Harris Foundation
PPG Foundation
Roche Corporation
The Pentair Foundation
Xcel Energy Foundation

Engaged Partners

Advanced Robotics for Manufacturing (ARM)
Afinia 3D
American Council of Engineering Companies - Indiana (ACEC)
American Society of Anesthesiologists
Association for Advancing Automation
Autodesk
Benedictine University
Bradley University
Central Ohio Technical College
Colorado STEM Ecosystem
Competitive Power Ventures, Inc
Consor North America
Hologic
Intelitek
KC STEM Alliance
Medtronic Foundation
Milwaukee School of Engineering
Missouri S&T
One8 Foundation
Rochester Institute of Technology
Saint Louis University
Sierra Nevada Corporation (SNC)
State Fair Community College
STEMM Opportunity Alliance
Techpoint Foundation for Youth
Tenstorrent
The Atlas Foundation, Inc
The Manufacturing Institute
Total Energies (formerly SunPower)
University of Wisconsin-Platteville
University of Wisconsin-Stout
University of Wyoming
Vernier
VEX Robotics Inc
Vincennes University
Wichita State University
William Ridgway

***Those listed in bold made new financial commitments to PLTW in 2024-25.**

We are excited to share our 2025 Annual Report with you. This past year, our dedicated team and our partnerships have fueled us as we prepare and support educators in their mission to make every student in every grade STEM-successful. Thank you for your continued support and commitment to this shared vision.

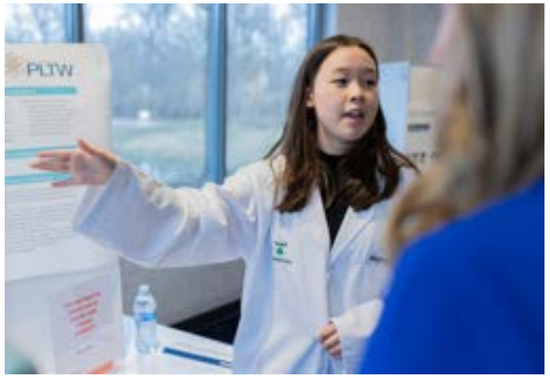
Industry Partnerships and Employee Engagement Help Prepare PLTW Students for Future Careers

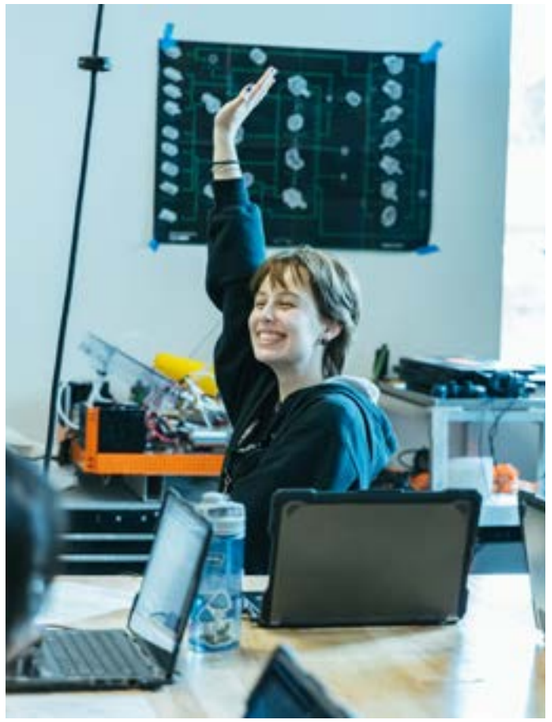
PLTW partners with industry leaders across the country to support program growth, inform and validate the curriculum, and bring real-world relevance to classrooms through engagement with industry professionals. Engagement opportunities include classroom visits, facility tours, mentorships, internships, and so much more.

PLTW Transformative Partner Ardagh Group has embraced the power of employee engagement in shaping students' career interests. They have developed an ambassador program at each of their U.S. facilities to lead work with the schools that they support through the PLTW Grants program. In summer 2024, they hosted their first group of summer interns that consisted of former PLTW students who had just graduated from high school. In addition, they hosted Career Readiness Days to provide students with additional career development opportunities.

During Career Readiness Days, students participate in resume workshops and mock interviews while learning about on-the-job best practices – all led by Ardagh employees. "It was a really positive experience, allowing me to gain confidence in my interviewing skills," one student participant shared.

For more information about Ardagh's partnership with PLTW and their internship program and Career Readiness Days, visit our website.





Fiscal Year 2025

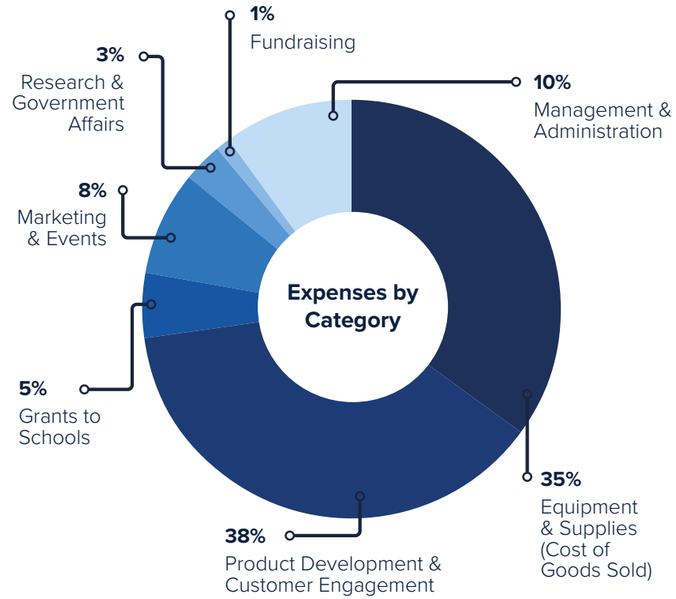
Financial Report

Total Revenue
(Including Contributions)

$102.3 million

Total Expense
(Including Grant Awards)

$107.8 million



90% of PLTW school administrators are satisfied with the overall impact of PLTW on students.

Source: 2024-25 Voice of Customer Educator surveys

Advocating for Student Access to Career Readiness

In support of PLTW's mission and the objectives of the PLTW network, PLTW advocates at the federal level as well as in states across the U.S. PLTW has developed a research-based policy framework to pursue exceptional career learning for all, which guides this work. The policy framework focuses on:

Relevance

- Curriculum That Counts
- Skills-Embedded Strategies

Access

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

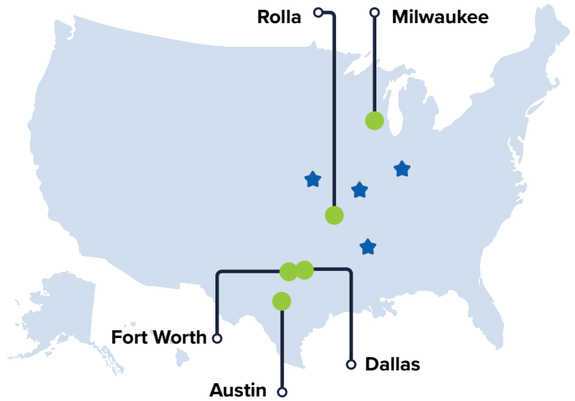
Excellence

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

Strengthening STEM Through Collaborative Ecosystem Partnerships

PLTW continues to build and strengthen partnerships on a national scale:

- STEMconnector & STEMx
- STEM Learning Ecosystems
- Tech Hub participation:
  - KC BioHub
  - NEURO360 in St. Louis
  - Heartland Bio in Indianapolis
  - Massachusetts Technology Collaborative
  - Midwest Microelectronics Consortium



KC STEM Alliance

- 91,878 students engaged in PLTW in 45 school districts during the 2024-25 school year.
- Capstone Showcase continues to grow (largest in the country) – 380 students from 26 high schools participated, with $14,000 in scholarships/award money given away.
- Significant multi-partner initiative between the Grandview School District, Kansas City National Security Campus, KC STEM Alliance, and PrepKC, engaging 29 employees with 10 PLTW Launch classrooms, reaching 243 students.

BioSTL

- New leadership structure at BioSTL in St. Louis to strategically support PLTW classrooms – BioSTL is located in Cortex, one of 18 innovation districts in the U.S.
- In partnership with Washington University, hosted the kickoff workshop for capstone students in PLTW Engineering and PLTW Biomedical Science.
- Hosted PLTW Senior Showcase for 177 PLTW Engineering and PLTW Biomedical Science students from 13 high schools, giving out $7,500 in scholarships.

Grenada STEM Alliance

- Developed Mission to Mars in spring 2025 – a three-day Mobile FABLab teacher training led by PLTW, featuring PLTW Launch and PLTW Gateway activities in coding, robotics, engineering design, and prototyping.
- Continued to expand PLTW implementation for PreK-12 in all three pathways since 2016.
- Preparing to expand the Mobile FABLab experiences through workshops in the Mississippi Delta.

Indy STEM Alliance

- Worked to develop Professional Development Suite course sessions specific to VEX through collaboration with TechPoint Youth.
- Increased interactions and events with Indianapolis PLTW programs, including planning and best-practice sharing, school showcase events, and community partner stakeholders (Innovate Withln, TIE-IN, 16Tech, etc.). This is leading to additional conversations with new partners and others in the STEM Ecosystem.

Our 2024-25 Board of Directors

Eunice Heath, MBA
Board Chair, Elected Director since 2013
Senior Vice President and Chief Sustainability Officer, CRH

James Rahn, MA
Board Vice Chair, Elected Director since 2009
President, Kern Family Foundation

Chris Bradshaw, MBA
Board Secretary, Elected Director since 2012
Chief Sustainability Officer, Bentley Systems

Adele Braxton-Fields, MBA
Elected Director since 2021
Vice President of Financial Audit, Equifax

David Dimmett, EdD, MBOE
Director since 2022
President and CEO, Project Lead The Way

Gabriela Gonzalez, PhD
Elected Director since 2021
Founder and CEO, CihuaTEC Connect LLC

Charles Johnson-Bey, PhD
Elected Director since 2024
Member, National Academy of Engineering

Kurt Liebich, MBA
Past Board Chair, Elected Director since 2007
President and Chief Executive Officer of RedBuilt (Former)

Zuheir Shahwan
Elected Director since 2024
Vice President of Commercial Operations and Enablement, Lazer Logistics

PLTW Advisory Committee

Sean Covey
President, FranklinCovey Education

Julie Lammers
President and CEO, American Student Assistance

Tom Vander Ark
Senior Advisor, Getting Smart

Executive Leadership Team

David Dimmett, EdD, MBOE	**Samuel Adams, CPA**	**Jason Bailey, PhD**	**Sam Cox, MBOE**	**Brian Greiwe, MBA**
President and CEO	Executive Vice President and Chief Financial Officer	Executive Vice President and Chief of Staff	Executive Vice President and Chief Operations and Logistics Officer	Executive Vice President and Chief Technology Officer
Joel Kupperstein, MBA	**Katie Minihan, EdD, EdM**	**Lisa Seay, SPHR, SHRM-SCP**	**Matt Voors, JD**	**John Williams, MBA**
Executive Vice President and Chief Product Officer	Executive Vice President and Chief Impact Officer	Executive Vice President and Chief Talent Officer	Executive Vice President and Chief Legal and Compliance Officer	Executive Vice President and Chief Customer Officer

PLTW

Project Lead The Way is a 501(c)3 national nonprofit organization serving schools of every type and demographic in all 50 states and D.C. For nearly 30 years, PLTW has empowered students to succeed in college, careers, and life. From practical skills and Career Connections embedded in the curriculum to its strong partnerships with industry and higher education, PLTW is committed to staying aligned with the ever-changing demands of the workforce.

www.pltw.org

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.