

PLTW IN CALIFORNIA

For more than 25 years, the heart of PLTW curriculum has been best-in-class professional development—a focus that’s enabled schools in all 50 states of every type and demographic, address learning gaps and meet their STEM goals. Created by teachers and led by educators, PLTW motivates, prepares, and supports teachers as they strive to make every child in every grade STEM-successful. From the first day to the last day, we’re the STEM ally you and your teaching staff can count on.



PLTW Districts

285

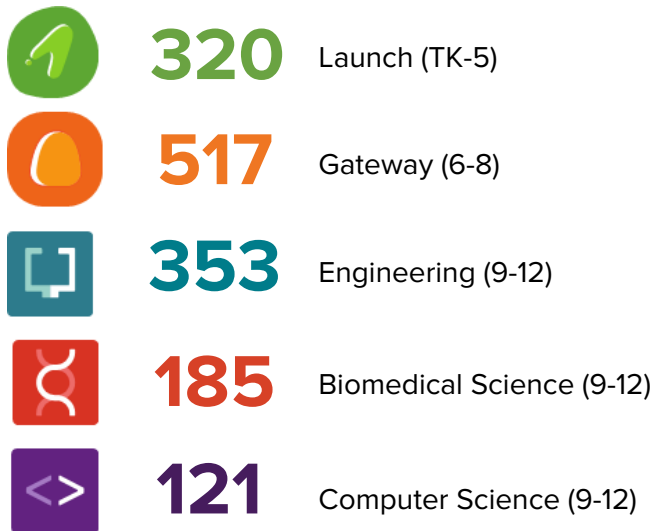
PLTW Programs

1,486

Teachers Trained

7,336

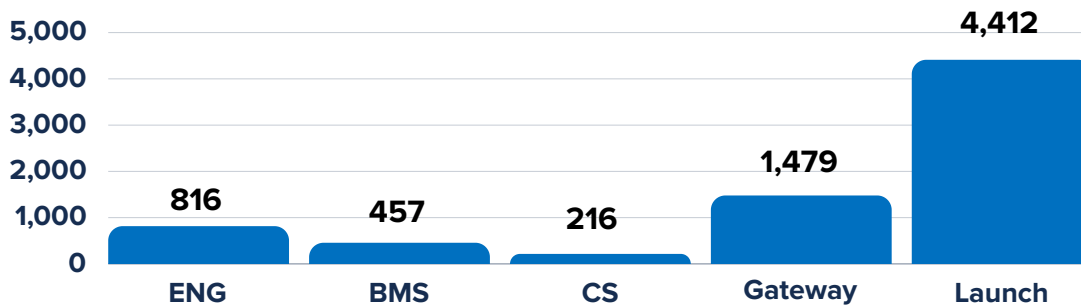
Programs by Pathway



Heatmap of PLTW Programs



Active Credentialed Teachers by Pathway



CA PLTW Master Teachers

28





PLTW [Biomedical Science] helped set a foundation that helped me obtain opportunities and build a strong resume earlier than most students. Finishing high school, I had developed so many useful skills and had already interned at a hospital and had two research internships because of the opportunities brought to me by my PLTW teachers...I felt that I was ahead compared to my fellow college classmates was because of the skills I gained through the PLTW courses. My skills such as critical thinking, problem solving, and creativity were a lot more developed compared to my classmates.”

Jessica Sanchez, UCLA & Johns Hopkins Alumni

Why PLTW for STEM in CA?

A recent study shows PLTW students outperform their peers in school, are better prepared for post-secondary studies, and are more likely to consider STEM careers, compared to their non-PLTW peers. Students find PLTW programs relevant, inspiring, engaging, and foundational to their future success.

87%

of PLTW Gateway (6-8) students report their PLTW course made them more interested in STEM.

92%

of high school PLTW students report their PLTW course made them more interested in STEM.

70%

of students believe that PLTW classes help in other areas they want to study further.

What matters to CA Educators

- **Launch (TK-5) & Gateway (6-8)** available in **Spanish**
- **UC A-G Approved Program** for all High School Courses (C, D, F or G), including 16 courses with **UC Honors Designation**
- **CTE aligned courses** for the following pathways:
 - Software and Systems Development & Information and Support Services
 - Biotechnology
 - Architectural Design & Environmental Engineering
 - Engineering Design & Engineering Technology

Partnerships & Grants

PLTW partners with companies and foundations to make grants possible for California schools to implement and expand TK-12 PLTW programs. Schools can apply for grants annually for new or existing PLTW programs. Since 2015, PLTW has awarded:

428

CA Schools

\$7M

in Grants

CA PLTW Partners

Chevron Ardagh Group John Deere

Lockheed Martin Phillips 66 Boston Scientific

onemi Verizon Innovative Learning



CA PLTW Educator & Program Awards

7

Outstanding Teachers*

10

Outstanding Administrators*

1

Teacher of the Year*

3

Distinguished Districts

121

Distinguished Programs

*Educator Awards for 22-23 and 23-24 School Years

Distinguished Program Awards by Pathway: Launch (30) Gateway (26) High School (65)



In my opinion, PLTW Core Training is different from other professional developments because teachers have the opportunity to dive in to the curriculum and explore before teaching the students. PLTW has changed my perspective on teaching. I have learned that I do not have all the answers and that is OK. I learned that my role as a teacher is to facilitate learning instead of giving my students answers. I learned to ask questions to help my students discover the answers on their own.”

Nancy Tron, PLTW Master Teacher, Madrona Middle School, Torrance

