STEAM**CODERS**

Inspiring underrepresented and underserved K-12 students and their families through Science, Technology, Engineering, Art and Math (STEAM), in preparation for academic and career opportunities.

70K+

K-12 students introduced to STEAM disciplines by SteamCoders since 2014

65%

of our students will have their first encounter with computer science or STEAM fields in our classrooms

Our goal is to introduce one million students to the STEAM disciplines by 2045

STEAM CODERS introduces students to coding, robotics, cybersecurity and design thinking classes that increase their range of knowledge. We teach logic, critical thinking and problem solving. Our classes provide students with the skills, experience and confidence they need to compete for future opportunities in STEAM fields.

Our staff and volunteers come from a variety of fields including engineering, information technology, mathematics, education, art and design. Here are just a few of the courses that we offer.

Elementary School : K-5

Introduction to Coding
Arduino Robotics
Minecraft Education
Scratch
Video Editing

Middle School : 6-8

Game Design
Minecraft Education
Wearable Tech
Digital Media
Machine Learning
Video Editing
HTML
Python
JavaScript
Vex Robotics

High School : 9-12

Web Design
Game Design
Cybersecurity
Design Thinking
Data Science / Analytics
Digital Audio Engineering
Wearable Tech
Digital Media
Sneaker Design

Family Activities

Connect Week
Family Night
Nickelodeon Field Trips

Educational Partners

ArtCenter

Caltech

HARVEY MUDD COLLEGE

OXY Occidental College

PASADENA CITY COLLEGE

UCLA

UNIVERSITY OF LA VERNE

Corporate Partners

ADP
Alexandria Real Estate
Ares
Best Buy
Blue Shield of California
Boeing
Bolton
Capital Group
City National Bank
CodeSpark
Edison International
Idealab
Kinder Morgan
Manufacturer's Bank
Microsoft
Nickelodeon
Northrop Grumman
Panera Bread
PennyMac
SAP
SoCal Gas
State Bank of India
Stater Bros.
Supplyframe
Union Bank
US Bank
Verizon
Warner Bros.
Wells Fargo
Wescom

Nonprofit Partners

Ahmanson Foundation
Amazing Grace
Boulé Foundation
CA Comm. Foundation (CCF)
Claire & Theodore Morse Foundation
Dwight Stuart Youth Foundation
Five Acres
Frieda C. Fox Foundation
Gary E. Milgaard (Skylight) Foundation
Jack and Jill Foundation
Jean Perkins Foundation
Joseph Drown Foundation
Keltner Family Foundation
Kirkland Academy of Excellence
LA Trial Lawyers
The Links, Inc.
Neighborhood Youth Achievers
Pasadena Community Foundation
Pasadena Rotary
Ralph M. Parsons Foundation
Reissa Foundation
S. Mark Taper
Tech Corps
The California Endowment
Tournament of Roses
Uncommon Good
Water Buffalo Club
We Believe in Children (WBC)
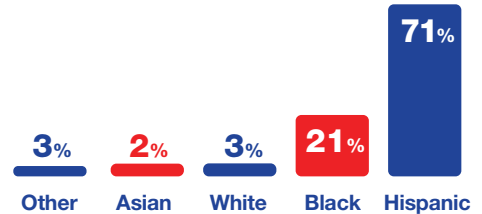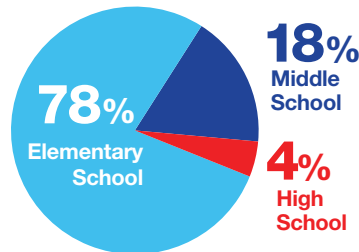Weingart Foundation
Women in Tech Hollywood (WiTH)

By the Numbers

59% Male **41%** Female

78% Elementary School **18%** Middle School **4%** High School

3% Other **2%** Asian **3%** White **21%** Black **71%** Hispanic

We teach students logic, critical thinking and problem solving.

Contact us here:
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Follow us here:
@steamcoders

STEAMCODERS

STEAMCODERS.org

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