

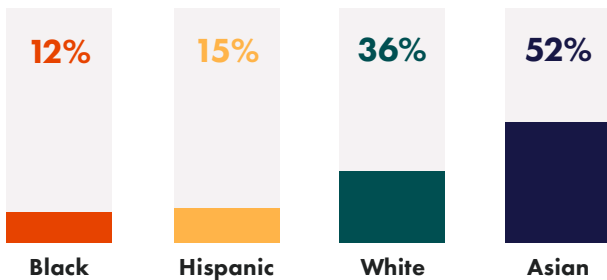
# RIISING STEM SCHOLARS INITIATIVE

STEM career inequities exist across the Bay Area and surrounding regions and can be rectified in high school.

This initiative is a partnership to significantly increase the number of low-income and students of color that enroll and succeed in advanced STEM and Computer Sciences courses such as Advanced Placement® (AP) across the Bay Area and surrounding regions.

## EDUCATION INEQUITY AT A GLANCE

Students participating in AP STEM courses in the Bay Area and surrounding regions:



**RIGHT NOW**, there are AP-ready low-income and students of color in your building **sitting right across the hallway** from STEM opportunities that could change their life trajectory.



7 of the 10 highest-grossing technology companies are headquartered in California, yet only 7% of the Silicon Valley tech workforce is Black or Hispanic.

## FROM INEQUITY TO OPPORTUNITY

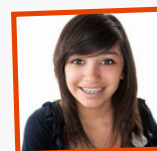
We can identify students of color – right now – who are AP-ready in your building.

- + In 2020, Equal Opportunity Schools (EOS) metrics **identified more than 3,000 AP-ready students of color** in 10th and 11th grades in participating Bay Area schools. Using traditional metrics, more than 80% of these students would have gone unidentified for rigorous coursework in 2019-20.

“Getting the best grade is less important than feeling confident about what I’ve learned and how hard I’ve worked. When I’m faced with a challenge, I push through to complete whatever I set my mind to.” -Anonymous 12th grader

### + Using data to identify AP-ready students:

#### STUDENT INSIGHT CARDS



**MEGAN CARTER, 10th Grader**

Grade Point Average: 3.5

Teacher Recommendations:

Educational Goal: 4-year college degree

Career Goal: Midwife

Learning Mindsets & Skills: Growth Mindset, Community Leader  
 • Courses aren’t challenging, would consider upper level courses

# SINCE THE INITIATIVE'S FIRST YEAR, PARTICIPATING DISTRICTS EXPERIENCED TREMENDOUS OUTCOMES.

## SIGNIFICANT ENROLLMENT OUTCOMES:

Increase in enrollment in AP STEM courses:



**+12%**

STUDENTS OF COLOR AND LOW-INCOME STUDENTS

**+18%**

AFRICAN-AMERICAN STUDENTS

Increase in taking AP Computer Science:



**+50%**

STUDENTS OF COLOR AND LOW-INCOME STUDENTS

**+50%**

AFRICAN-AMERICAN STUDENTS

## SIGNIFICANT ACHIEVEMENT OUTCOMES:



EOS-identified students who enroll in AP STEM...



maintain or exceed average pass rates!



**63% INCREASE**

in African-American Students with average pass rates indicating they did just as well as students school wide.

Hispanic student participation in AP CS dramatically increased in Bay Area schools and first-time AP takers earning a passing grade

**QUADRUPLED**

THIS EFFORT IS FUNDED BY

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## JOIN THE MOVEMENT NOW!

“ EOS [supports] faculty and staff in creating “belonging-rich environments” on our campuses and in our classrooms. EOS had several virtual meetings with us and other schools in the greater Bay Area throughout the summer, and they are offering workshops for teachers who want to learn more about making sure that their classrooms and curriculums are inviting, inclusive, engaging, and barrier-free.

-Dayna Dibble, Administrator in the Bay Area

### Participating schools receive:

#### + School-Specific, Real-Time Data Insights:

Data and reports identifying AP STEM/CS enrollment trends, student perceptions, and AP readiness.

#### Robust Student Identification Metrics:

+ Specific identification of low-income and students of color in your school who demonstrate readiness for AP.

#### Coaching & Community Building:

+ Dedicated EOS coaching for school teams to identify, message to, and enroll low-income and students of color in AP STEM/CS courses; teams participate in a cohort of administrators from the Bay-Area and surrounding regions who meet together quarterly for training, practice-sharing, and planning for equity.

#### STEM Materials & Classroom Support:

+ \$15K and up in DonorsChoose credits per school, plus invitations to equity-focused webinars, and development of inservice and pre-service CS teachers.

#### Student-Facing Opportunities:

+ Access for students of color to online tutoring, dedicated student conferences, tech career meet-ups, plus access to Google's Computer Science Summer Institute at campuses in the region.

DON'T WAIT TO JOIN THIS INITIATIVE

For questions about this generous grant from Google.org visit:

<https://eoschools.org/apply/bay-area-rising-ap-stem-scholars/>

5601 Sixth Avenue South | Suite 258 | Seattle, WA 98109 | 206.547.1167

[www.EOSchools.org](http://www.EOSchools.org)

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