



Hack for Change

CALIFORNIA ACADEMY OF MATH & SCIENCE

THE PROBLEM

Coding is a superpower that 90% of parents want their children to learn but is only taught in 40% of schools. According to the College Board, in 2015, only 23% of students interested in computer science and registered for the AP Computer Science A exam were female, and only 18% were underrepresented minorities: 9% hispanic and 4% African American. Furthermore, in a 2007 study by College Board, women who enroll in an AP Computer Science course in high school are 10 times more likely to pursue it in the future, students of underrepresented minorities are 7-8 times more likely, and students, in general, are 6 times more likely¹. As a result, by holding hack days and workshops, Hack for Change strives to empower students from grades K-8 to continue developing independently in the future to help their communities.

OUR MISSION

Hack for Change encourages the pursuance of computer science careers by exposing students to STEM (Science, Technology, Engineering, and Mathematics).

PROGRAMS

- Coding Workshops to teach the concepts of programming with introductory programming languages, such as Scratch.
- Hack Days integrating real-life problem solving with programming to demonstrate computer science applications.

ABOUT US

who

All students, including underrepresented minorities, in grades K-8.

ways to help

In order to reach a plethora of students from different demographic and educational backgrounds, we value teaching opportunities and partnerships with other student-focused organizations.

contact us

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1. Data obtained from code.org