



ALEARN

WWW.ALEARN.ORG



“I have loved this program. It helped me understand more math. My parents are happy that I am studying for math...and that makes me and my parents happy.”

—MAP Student

2016 Program Results

ALearn's MAP, GEM, and Catalyst High School programs build the skills, knowledge, and confidence that students from underrepresented backgrounds need to succeed in college-track classes. All feature **Common Core Math**, **College Readiness**, and **Growth Mindset**, transforming student's own identity and focus on their future. Since 2007, ALearn has served over **9,200 students** in Silicon Valley.

Math Acceleration Program (MAP)

673 incoming 6th-8th grade students from **80+ schools**, **6 school districts** and **3 nonprofits** took MAP, ALearn's intensive 4- or 5-week summer program. **95%** of students were from **historically underserved ethnic backgrounds**.

Student Outcomes

- **89% of district students** who started the course finished it, an **exceptionally high retention rate** for summer school.
- 6th graders showed **33% growth in Understanding Equivalent Fractions**, and **20% growth in Geometry**; 7th graders saw **23% growth in Ratios & Rates** and **22% in Positive Rational Numbers**. 8th graders showed **38% growth in Expressions**.
- **96%** of students reported they “feel more motivated to go to college” as a result of MAP. **98%** said “I will use what I'm learning in math when I'm older.”

GEM (Girls Exploring Math)

GEM offers hands-on math and science activities specifically designed to expose girls to STEM fields. GEM serves **7th & 8th grade girls** at **2 school districts**.

Program

- GEM was piloted in 2014 and is expanding from **2** to **4** classes.
- Students participate in STEM workshops at interactive partner sites including the **Computer History Museum**, **Tech Museum**, and **Intel**.
- A Speakers' Series featuring **professional women in STEM careers** gives girls a view of a world most have never seen. A favorite: the Google Robotist.

Teachers & TAs Build Teaching Skills

- **Teachers apply what they learn at Professional Development** training during the school year, reaching over **7,500 additional students**.
“This program provided me with many more resources to incorporate into my classroom as well as different teaching strategies that I'm very certain will prove to be useful. I also grew as a teacher in regards to working alongside a peer and figuring out new ideas of how to approach student needs.”
- **43% of MAP Teachers** had **previous ALearn experience**.
- **95% of teachers** would **recommend ALearn** to a colleague.
- **Building a teacher pipeline: 57% of TAs aspire to become teachers**. Former ALearn TAs are now teaching at East Side UHSD, Sunnyvale, Cupertino and Fremont school districts.
- Numerous **Catalyst High School alumni** are now **in college** and are **TAs** in our MAP and Catalyst High School programs.

Catalyst High School

ALearn's intensive 6-week summer program served **564 rising 9th-12th grade students** from **9 schools** and **4 school districts** on **8 sites** in Santa Clara and San Mateo counties. The program had an **impressive retention rate of 91%**!

Starting high school a year ahead in Math

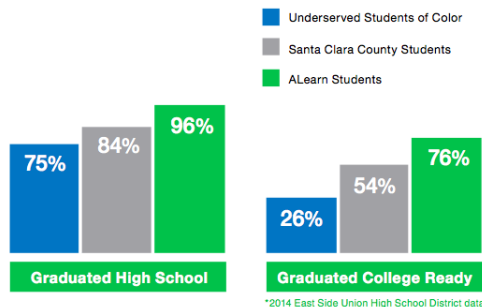
- **62% of students taking Algebra I** advanced to Geometry in their freshman year, compared to the 40-45% pass rate during the school year.
- **82% of students** who took Algebra II advanced to Math Analysis.
- **90% of Common Core Math 1 students** advanced to Common Core Math 2.
- **92% of Common Core Math 2 students** advanced to Common Core Math 3.
- **100% of Common Core Math 3 students** advanced to Math Analysis.

ALearn students are:

3x

College-ready* at three times the rate of their district peers

*Completed all requirements to be admitted to a UC or CSU



“ALearn helped everyone have a vision for college no matter how much our parents make, or how far away it is. They were able to convince us that our dream college can be possible as long as we put in the effort to do so.”

—2016 Catalyst High School Student

Introducing Catalyst to College

Catalyst to College's 4 year program creates a college-going culture for **100 students** on **2 high school campuses**. Supporting rising 10th graders through to their first semester of college, the program provides intensive educational case management along with leadership development, peer support, and personal assistance in applying for college admission and financial aid.

Mentors assist students, who create deep peer relationships and accountability on and off campus in their Crews® of 5 to 6 students. Students are also exposed to cultural experiences and are encouraged to give back to their communities.

A week-long innovative **Catalyst to College Summer Academy** kicked off the program at Santa Clara University, which included a panel of college students. The program includes Independence and Yerba Buena high schools.

Family Engagement Increases Family Empowerment

- **MAP** held **11 College Information Programs** with over **500 family members** attending. **MAP's 12 End of Program Celebrations** allowed over **1000 family members** to celebrate their student's work, with up to **200 people** attending each event.
- **Catalyst High School's College Inspiration Program** provided over **700 people** with critical college planning information, and **End of Program Celebrations** allowed over **1050 family members** to see their student's work.
- **ALearn's innovative use of text messaging** reminded students and parents of events and offered encouragement in English, Spanish or Vietnamese.