



**Alliance Marc & Eva Stern
Math and Science School**
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CEEB Code: **054-163**

School Information:

Alliance College-Ready Public Schools founded Marc and Eva Stern Math and Science School, in 2006, in collaboration between Alliance College-Ready Public Schools and California University, Los Angeles (CSULA). As of September 2011, the school changed its name to Alliance Marc and Eva Stern Math and Science School (Stern MASS). The school operates on a traditional August- June academic calendar. The mission of Alliance College-Ready Public Schools, a nonprofit charter management organization, is to open and operate a network of small high-performing 9-12 and 6-8 public schools in historically underachieving, low income communities in California that will annually demonstrate student academic achievement growth and graduate students ready for success in college. Stern MASS serves students in the area of East Los Angeles surrounding the CSULA campus. Stern MASS uses an educational model based on high qualified teachers and principals, and parents as partners in their child’s educational success.

Demographics:

- 585 students in grade 9-12
- **Students-** 98% Latino, 1% Asian, 1% White, 1% African American
- **87%** of our students participate in The National School Lunch Program (Free/Reduced Lunch)
- **Students-Teacher Ratio-** 28:1

Standardized Test Scores for Class of 2017

SAT	Reading	Math
115 Students tested	Avg. 499	Avg. 481

ACT	English	Math	Reading	Science
146 Students Tested	Avg. 17.0	Avg. 17.9	Avg. 18.0	Avg. 18.6

<u>Graduation Requirements</u>	
English	40 Credits
Math	30 Credits
History/Soc. Science.....	30 Credits
World Language.....	20 Credits
Science.....	30 Credits
Visual/Performing Arts.....	10 Credits
College Prep Electives.....	30 Credits
Physical Education.....	20 Credits
Minimum of 230 credits is required for high school graduation	

Grading

In alignment with University of California and California State University undergraduate admissions requirements, Alliance schools do not grant “D” letter grades. A grade below a “C” is considered “Not Proficient” and will not satisfy the Alliance graduation requirements. Students earning a “NP” for any required course must repeat the course to earn a grade of “C” or higher. Honors and Advanced Placement courses are weighted with one extra point.

Alliance-Wide Grading Table

GPA	3.40-4.0	2.70-3.39	2.00-2.69	0-1.99
GRADE	A	B	C	NP

Curriculum:

All Stern MASS Students take the required A-G course requirements needed to successfully apply to any University of California or California State University. After exceeding the requirements at Stern MASS, the students are given the opportunity to enroll in CSULA courses. In addition to a rigorous academic schedule, all students participate in the STEM Exhibition Fair, an end of the year culminating science, technology, engineering, and mathematics. These projects adhere to state curriculum standards and framework, and integrate mastery learning, standards-based grading, academic content, collaboration, inquiry learning, and technology.

Advanced Placement and Honors Courses Offered:

AP Biology	AP English Literature & Composition	AP Statistics	AP United States History
AP Calculus AB	AP Environmental Science	AP Spanish Language & Culture	Chemistry Honors
AP Calculus BC	AP European History	AP Spanish Literature & Culture	CC English Honors 10
AP English Language & Composition	AP Physics C: Electricity & Magnetism	AP United States Government & Politics	CC Integrated Math 3 Honors
	AP Physics C: Mechanics		

Extracurricular Activities Offered:

Academic Decathlon	CIF Cross Country- Boys	Engineering Club	Rugby- Boys
Anime Club	CIF Cross Country- Girls	Gay-Straight Alliance Social Justice	Science Club
Associated Student Body (ASB)	CIF Soccer- Boys	The Ivy	Speech and Debate Team
Bolt Newspaper	CIF Soccer- Girls	Key Club	Sociedad Honoraría Hispanica
CIF Cheerleading	CIF Volleyball-Boys	Model UN	Students Run LA (SRLA)
CIF Basketball- Boys	CIF Volleyball- Girls	National Honor Society	Yearbook
CIF Basketball- Girls	Drill Team	Research Club	Ying Yang Club

Colleges and Universities Class of 2017 were accepted to:

Amherst College	University of California, Irvine	Mount Saint Mary's University
Azusa Pacific University	University of California, Los Angeles	Mt. San Antonio College
Barnard College	University of California, Merced	New York University
Biola University	University of California, Riverside	Norco College
Boston College	University of California, San Diego	Occidental College
Boston University	University of California, Santa Barbara	Ohio Wesleyan University
Bowdoin College	University of California, Santa Cruz	Pasadena City College
Brown University	Chapman University	University of Richmond
California Baptist University	Claremont McKenna College	Rio Hondo College
California Lutheran University	Colgate University	Rochester Institute of Technology
California State Polytechnic University, Pomona	Connecticut College	Saint Mary's College of California
California Polytechnic State University, San Luis Obispo	Dartmouth College	San Diego State University
California State University, Bakersfield	Dickinson College	San Francisco State University
California State University, Channel Islands	East Los Angeles College	Santa Monica College
California State University, Chico	Emory University	Scripps College
California State University, Dominguez Hills	Franklin & Marshall College	Seattle University
California State University, East Bay	Georgetown University	Smith College
California State University, Fresno	Glendale Community College	University of Southern California
California State University, Fullerton	Haverford College	Swarthmore College
California State University, Long Beach	Houston Community College System	Tufts University
California State University, Los Angeles	Humboldt State University	Union College (New York)
California State University, Northridge	University of La Verne	United States Marine Corps Recruiter
California State University, Sacramento	Los Angeles Trade-Technical College	Vassar College
California State University, San Marcos	Marymount California University	Wake Forest University
University of California, Berkeley	University of Michigan	Washington University in St. Louis
University of California, Davis	Middlebury College	Wellesley College
		Whittier College