



**Alliance Marc & Eva Stern  
Math and Science School**

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CEEB Code: **054-163**  
State Charter #0788

**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 State University Los Angeles (CSULA). As of September 2011, the school changed its name to Alliance 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 expectations of students, small and personalized campuses, a longer school year and instructional day, a team of highly qualified teachers and principals, and parents as partners in their child’s educational success.

**Demographics:**

- 610 students in grades 9-12
- **Students:** 97% Latino
- **88%** of our students participate in Free or Reduced Cost Lunch

**Standardized Test Scores for Class of 2015**

SAT	Reading	Math	Writing
<b>133</b> Students Tested	<b>Avg.</b> 436	<b>Avg.</b> 440	<b>Avg.</b> 449

ACT	English	Math	Reading	Science
<b>103</b> Students Tested	<b>Avg.</b> 16	<b>Avg.</b> 18	<b>Avg.</b> 16	<b>Avg.</b> 17

**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.

**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 an Exhibition Night, a yearlong culminating project in math and science that answers a large and driving philosophical dilemma that encourages students to see the relationships between concepts and ideas. These projects adhere to state common core standards and next generation science standards, and integrate mastery learning, standards-based grading, academic content, collaboration, inquiry learning, and technology.

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

**Advanced Placement and Honors Courses Offered:**

AP Biology	AP English Literature & Composition	AP Spanish Literature & Culture
AP Calculus AB	AP Environmental Science	AP United States History
AP Calculus BC	AP European History	CC English Honors 10A
AP Comparative Government & Politics	AP United States Government & Politics	Chemistry Honors
AP English Language & Composition	AP Spanish Language & Culture	CC Integrated Math 3 Honors

**Extra Curricular Activities Offered**

Academic Decathlon	CIF Cross Country – Girls	Mediation Matters	Students Run LA (SRLA)
Anime Club	CIF Soccer – Boys	Musical Theater	The Ladies
Associated Student Body (ASB)	CIF Soccer – Girls	National Honor Society	The Titans Green Team (Eco Plus)
Bolt Newspaper	Drill Team	Rock on Art	Volleyball – Girls
Cheer Team	Gay Straight Alliance (GSA)	Rugby – Boys	Yearbook
Choir	Guitar Class	Science Club	Ying Yang Club
CIF Basketball – Boys	Ivy	Soccer/Fitness	
CIF Basketball – Girls	Key Club	Speech and Debate	
CIF Cross Country – Boys	Math Club	Sociedad Honoraria Hispanica	

**Colleges and Universities Class of 2015 were accepted to:**

Amherst College	Kalamazoo College	The George Washington University
Azusa Pacific University	Manhattanville College	The King's College
Barnard College	Marymount Manhattan College	The University of Arizona
Brandeis University	Mills College	Tulane University
Bryn Mawr College	Mount Holyoke College	University of California, Berkeley
Cal Poly State University, San Luis Obispo	Mount St. Mary's University (Chalon)	University of California, Davis
California State Poly University, Pomona	Mount St. Mary's University (Doheny)	University of California, Irvine
California State University, Bakersfield	New York University	University of California, Los Angeles
California State University, Channel Islands	Northern Arizona University	University of California, Merced
California State University, Chico	Notre Dame de Namur University	University of California, Riverside
California State University, Dominguez Hills	Pasadena City College	University of California, San Diego
California State University, East Bay	Princeton University	University of California, Santa Barbara
California State University, Fullerton	Rhode Island College	University of California, Santa Cruz
California State University, Long Beach	Richmond The American International College in London	University of New Haven
California State University, Los Angeles	Rio Hondo College	University of Redlands
California State University, Monterey Bay	Rochester Institute of Technology	University of Rochester
California State University, Northridge	San Diego State University	University of San Francisco
California State University, Sacramento	San Francisco State University	University of Southern California
California State University, San Bernardino	San Jose State University	University of the Pacific
East Los Angeles College	Santa Monica College	Wellesley College
Glendale Community College	Scripps College	Whittier College
Grand Canyon University	St. John's University - Queens Campus	Williams College
Hofstra University	Syracuse University	Yale University
Humboldt State University	The Art Institute of California -- Los Angeles	