



2010-2011 School Performance Dashboard

Marc and Eva Stern Math and Science School
 5151 State University Drive, CSULA, Lot 2, Los Angeles, CA 90032
 Phone: (323) 987-2144, Fax: (323) 987-2149
www.sternmass.org

Derrick Chau, Principal
 Evelyn Licea, Assistant Principal
 Cynthia Casillas, Office Manager

Enrollment

Student demographic data provides an overall description of the school's population. Percentages are based on the overall school enrollment in October.

Enrollment			
Total School Enrollment	523	Hispanic	98%
Grade 9	157	Black	0%
Grade 10	133	White	1%
Grade 11	143	Asian	1%
Grade 12	90	Other	0%
Male	48%	English Only	24%
Female	52%	English Learners	17%
Meal Program	92%	Initial Fluent English Proficient	7%
		Reclassified Fluent English Proficient	52%
		Special Education	7%

Attendance

Our schools strive to meet a 95% or higher attendance rate for all students. Consistent attendance is important to maintaining the quality of both our schools and the education of our students. Schools must also meet a designated enrollment rate to maintain the budget.

	2008	2009	2010
Average Daily Attendance	96%	95%	96%
Annual Budgeted Attendance	102%	101%	98%

College Readiness Indicators

All students participate in college entrance and readiness exams to indicate college-readiness by the end of grade 12. Target readiness scores: SAT (500), ACT (18-21), AP (3).

SAT Reasoning	Average Score			Percent of Students College-Ready		
	Verbal	Math	Writing	Verbal	Math	Writing
	Target Score: 500					
Class of 2011	427	450	426	18%	32%	23%
Class of 2012	405	424	433	20%	23%	21%

ACT	Average Score				Percent of Students College-Ready			
	English	Math	Reading	Science	English	Math	Reading	Science
Target Score	18	22	21	24				
Class of 2011	16	19	17	17	32%	25%	22%	1%

Advanced Placement (AP) Exams	Percent of Students Scoring 3, 4, or 5					
	2009		2010		2011*	
	Tested	Passed	Tested	Passed	Tested	Passed
Biology	109	0%	84	0%	83	7%
Calculus AB	13	1%	34	0%	1	0%
English Language and Composition	26	31%	31	16%	45	47%
English Literature and Composition	NA	NA	20	20%	20	20%
European History	31	0%	29	28%	11	9%
Spanish Language	75	87%	71	89%	74	80%
U.S. History	70	3%	35	17%	50	26%
US Government and Politics	NA	NA	34	15%	26	23%
Music Theory	NA	NA	11	0%	10	0%

CSU Early Assessment Program (EAP)	Percent of Students College-Ready		
	English	Math	Math Conditionally
Class of 2011	21%	1%	31%
Class of 2012	16%	9%	68%

*2011 AP exam results were not all received by College Board due to delivery error.
 Results are based on received exams.

Academic Performance Index / Adequate Yearly Progress

API and AYP measure the academic performance and growth of schools as it moves towards target goals. The API target is 800. AYP has multiple targets for school-wide and subgroup growth.

	2009	2010	2011
Academic Performance Index (API)	788	789	809
Adequate Yearly Progress (AYP) Met	Yes	No	Yes
Program Improvement (PI) School	No	No	No
State Rank	8	8	Expected 4/2012
Similar School Rank	10	10	Expected 4/2012

California Standards Test (CST)

The CST is one indicator that determines how well students are achieving California's content standards in English, math, science, and history. The state target is for all students to perform at the proficient or advanced level. The percent of students proficient or advanced is reported below.

	2009	2010	2011
English/Language Arts			
Grade 9	59%	61%	56%
Grade 10	38%	44%	55%
Grade 11	44%	48%	43%
Mathematics			
Algebra I	43%	46%	39%
Geometry	20%	NA	19%
Algebra II	14%	22%	31%
Summative Math	23%	30%	39%
History/Social Science			
World History	56%	46%	60%
US History	56%	62%	51%
Science			
Biology	64%	54%	67%
Chemistry	42%	59%	48%
Life Science	66%	61%	59%

California High School Exit Exam (CAHSEE)

Students must pass the CAHSEE in English and Math to receive a high school diploma. Students are first administered the CAHSEE in grade 10. A passing scaled score is 350 and students are proficient with a scaled score of 380. Percentages reflect information from grade 10 administration.

	2009	2010	2011
CAHSEE Passing			
English Section	91%	81%	91%
Math Section	86%	84%	93%
CAHSEE Requirement	81%	77%	87%
CAHSEE Proficiency			
English Proficiency	51%	48%	64%
Math Proficiency	62%	54%	72%

California English Language Development Test (CELDT)

Students speaking a home language other than English are annually administered the CELDT. Scores of Advanced or Early Advanced indicate English Learner students are fluent in English and ready for reclassification.

Overall CELDT Performance Level	2009	2010	2011
Advanced	40%	24%	24%
Early Advanced	45%	43%	45%
Intermediate	15%	28%	28%
Early Intermediate	0%	5%	2%
Beginner	0%	0%	1%

Reclassification of English Learners	2009	2010	2011
Percent Reclassified	11%	18%	13%

Parent, Student, and Staff Satisfaction

Parents, students, and school staff provide annual feedback about the culture, instruction, aspect and achievement of the school. Principals use this feedback to evolve the school's culture to fit the needs of all people.

	Percent Satisfied	
	2010	2011
Parents		
Are Satisfied With the School	95%	92%
Believe the Academic Program is Very Effective	96%	93%
See an Effective College-Bound Culture in the School	94%	90%
Students		
Are Satisfied With the School	79%	83%
Feel Teachers Have High Expectations For All Students	93%	82%
Believe Teachers Use Variety of Materials to Help Students Learn	90%	82%
Staff		
Are Satisfied With the School	97%	81%
Feel Academic Achievement is Very Effective	97%	94%
Believe the College-Bound Culture is Very Effective	100%	91%

Parent Involvement

Parents help improve achievement by supporting their students through volunteer hours, 20 of which must be academically related. Parent conferences help improve communication between parents, teachers, and the school.

	2009	2010	2011
Families Completing 20+ Hours	NA	100%	100%
Families Completing 40+ Hours	51%	71%	43%
Families Attending Parent Conferences	44%	39%	66%

Teacher Information

Principals select teachers knowledgeable in their field to provide students a high quality education. Highly certified teachers ensure an academically rich learning experience for all students. Teachers are selected on a rigorous hiring process that includes a sample teaching lesson as part of the interview process.

	2010	2011
Number of Teachers	29	29
Percent of Teachers with Clear Credential	21%	32%
Percent of Teachers with Preliminary or Intern Credential	69%	62%
Average Years of Teaching Experience	5	4
Percent of Teachers Returning Following Year	83%	71%

*2011 AP exam results were not all received by College Board due to delivery error.
Results are based on received exams.

Graduation and College Acceptance

With a college-bound culture at our schools, 100% of our seniors have the requirements needed to successfully apply to four year colleges throughout the nation.

Graduation Rate	2010	2011
Seniors Meeting all Graduation Requirements	94%	99%
Seniors Continuously Enrolled Since Grade 9	116	74
Seniors Continuously Enrolled Since Grade 9 & Graduating	64%	51%

College Acceptance	2010	2011
Percent of Students Applying to College	100%	100%
Accepted to 4-year School	84%	84%
Committed to 2 or 4 Year College	96%	95%
Scholarships Awarded	\$2,163,342	\$12,980
Total Number of Accepting Colleges	55	56

2011 Accepting Colleges

Columbia College
 Concordia University - Irvine
 Dartmouth College
 DePaul University
 Drexel University
 East Los Angeles College
 Fashion Institute of Design and Merchandising, Los Angeles
 Hofstra University
 Humboldt State University
 Loyola Marymount University
 Marymount College
 Marymount Manhattan College
 Mount St. Mary's College (Chalon)
 Mount St. Mary's College (Doheny)
 New Mexico State University
 New York University
 Occidental College
 Pasadena City College
 Rio Hondo College
 Saint John's University
 San Diego State University
 San Francisco State University
 San Jose State University
 Santa Monica College
 Southern Illinois University, Carbondale
 St. John University
 St. John's College
 The Art Institute of California -- Los Angeles
 The College of Wooster
 Union University
 University of California at Berkeley
 University of California at Davis
 University of California at Davis Extension
 University of California at Irvine
 University of California at Los Angeles
 University of California at Merced
 University of California at Riverside
 University of California at San Diego
 University of California at Santa Barbara
 University of California at Santa Cruz
 University of La Verne
 University of Rhode Island
 University of San Francisco
 University of Southern California
 Vanguard University of Southern California
 Wilmington University