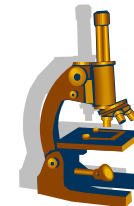




California Special Populations

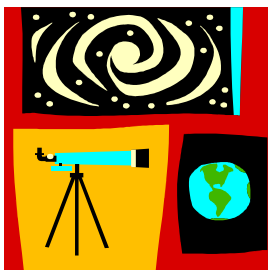
Math and Science Feeder Schools



Name of School	Location / Contact Info.	4 year affiliation	Description
Anderson W. Clark Magnet High	Douglas Dall 818-248-8324 http://www.cwire.com/pub/Glendale/schools/ClarkMagnet.html		<i>Clark Magnet High School has a mission to prepare students from diverse backgrounds for success in the highly technical world of the 21st Century. Clark opened in 1998 as a magnet high school with emphasis on science and technology. More than 65 percent of Clark's students are of Armenian descent, 40 percent receive free or reduced lunch benefits, and only 16 percent are native English speakers. Clark students have demonstrated academic excellence through the growth of its Academic Performance Index score from 771 in 1999 to 840 in 2004 and by far exceeding the Adequate Yearly Progress (AYP) goals in both English and mathematics. Clark has been named a Compaq Honor Roll School, and has received Environmental and Spatial Technology and Industry-Certification grants. In 2004, Clark was chosen by the International Center for Leadership in Education, the Council of State Chief School Officers, and the California Department of Education, as one of America's thirty most successful high schools.</i>
CA Academy of Math and Science	Dr. Kathleen Clark 1000 E. Victoria Street Carson, CA 310-243-2025	CSU Dominguez Hills	<i>The California Academy of Mathematics and Science (CAMS) is a public magnet high school in Carson, California focusing on science and mathematics. Located on the campus of California State University, Dominguez Hills, CAMS shares many facilities with the university, including the gymnasium and library. It is a National "No Child Left Behind" Blue Ribbon and California Distinguished school. While it does not list women on the website, the Wikipedia description paper does list 'women and minorities'</i>
Early Entrance Programs	Richard Maddox 323-343-2287	CSU, LA	<i>The Early Entrance Program (EEP) is an early college entrance program for gifted individuals of middle school and high school ages at California State University, Los Angeles (CSULA). The program allows participants to skip normal schooling and become full-time, degree-seeking college students. Although there are a number of early college entry programs, EEP is the only one of its kind in the United States in promoting a direct transitional scheme from middle and high school to college without intermediary remedial education. Recently, EEP has attracted national media attention. Applicants to EEP now come from all over the United States as well as international locales</i>
Education Program for Gifted Youth	EPGY Ventura Hall 220 Panama St Stanford, CA 94305-4101 800-372-3749 650-614-2400 Distance learning	Stanford University	<i>The Education Program for Gifted Youth, hosted at Stanford University, is a gifted education program with distance and summer courses for students of all ages. It is a distance-learning program, meaning that courses are taken remotely via the Internet, rather than the traditional classroom setting. Courses range from elementary level to the advanced-undergraduate level. Subjects include Mathematics, English, Humanities, Physics, and Computer Science. It is very similar to the Center for Talented Youth program founded by Johns Hopkins University in its objectives.</i>

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Foothill Technology High	Joe Bova 805-289-0023 http://foothilltech.org/		<p>Foothill Technology High School offers a rigorous college preparatory curriculum made relevant to our students' lives through a project-based, integrated approach. Foothill is a magnet school and students can focus their education around three strand areas: health science, communication, and technology. Students learn in a small school environment where the individual needs are met by a dedicated and highly skilled staff. Spring 2004 test results show Foothill students are performing at the highest levels of high schools throughout the state. Foothill scored 864 on the Academic Performance Index (API), an increase of 48 points. Foothill was the only high school in Ventura County to rank a perfect "10" in both the statewide and the similar school rankings. Foothill now ranks among the top 50 high schools in the state of California on the API. Foothill's 2005 California High School Exit Exam passage rates were 100 percent in English-Language Arts and 97 percent in Mathematics.</p>
Lawrence Livermore National Academy	7000 East Ave Livermore, CA 94550		<p>K-12 student enrichment programs offered by Lawrence Livermore National Laboratory (LLNL) include both science education programs for middle and high school students and informal educational community outreach for various grades. Science Education Program</p> <p>Science On Saturday</p> <p>Science on Saturday is a series of free lectures and demonstrations intended for middle and high school students and teachers. The topics are selected from the forefront of LLNL science and technology research in a variety of disciplines. Lectures are held in Livermore, Tracy and other Central Valley locations. Seating is on a first-come, first-served basis.</p> <p>The Tri-Valley Science and Engineering Fair (TVSEF) is a science project competition for students in grades 7-12 from schools within Alamo, Danville, Dublin, Livermore, Pleasanton, San Ramon, and Sunol. The fair is affiliated with the prestigious Intel International Science and Engineering Fair. In preparation for the TVSEF, LLNL conducts a hands-on workshop, Science Fair 101, for high school students. Science Fair 101 helps students develop, plan and present their science fair project. A workshop for teachers is also provided to help train teachers in science fair procedures and the scientific method.</p>






Math and Science Feeder Schools



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<p>Level Playing Field Institute: High School Program: Summer Math & Science Honors Academy</p>	<p>543 Howard Street 5th Floor SF, CA 94105 415-946-3030</p>	<p>All UC Campuses</p>	<p>The ultimate goal of the Summer Math & Science Honors (SMASH) Academy is to encourage students from underrepresented communities (Hispanic/Latino, African American, and Native Americans) to pursue studies and excel in science, technology, engineering, or math at top colleges and graduate schools. Beginning in the summer after ninth grade, SMASH participants spend five weeks on the UC Berkeley campus attending science, math, and English classes - taught by experienced high-school teachers. In addition to having a first-time UC experience by living on campus, students also conduct lab experiments, meet math and science professionals, take educational and recreational field trips, and build a supportive community.</p>
<p>MESA</p>	<p>MESA Statewide Office 300 Lakeside Drive, 7th Floor Oakland, CA 94612 510 987-9337</p>	<p>MESA works closely with industry partners and the UC, CSU, CCC and the State Department of Education.</p>	<p>MESA enables educationally disadvantaged students to prepare for and graduate from a four-year college or university with a math-based degree in areas such as engineering, the sciences, computer science, and mathematics. Through MESA, students develop academic and leadership skills, increase educational performance, and gain confidence in their ability to compete professionally. MESA has particular interest in and focuses on students from those groups who historically have had the lowest levels of attainment to four-year and graduate level programs. By closing this achievement gap, MESA students, and graduates will be better able to make significant contributions to the socioeconomic well-being of their families and their communities.</p>
<p>New Technology High School</p>	<p>1400 Dickerson St. Sacramento, CA 95822 916-433-2839</p>		<p>Sacramento New Technology High School (SNTHS) targets individual student interests and the development of individual responsibility by teaching in a creative business-like culture that values learning at high levels. SNTHS utilizes a different curriculum in order to get different results. The major mode of instruction is through Project Based Learning (PBL). It represents a new approach to learning in which teams of students are given a driving question or authentic problem that challenges them to find new information and apply it to real world situations. Check out our latest project as an example. PBL enables higher level learning through recognition of the relevance of the content that students study. To accomplish this, the school features a 1:1 ratio of computers to students in a state-of-the-art facility.</p>
<p>North Hollywood HS</p>	<p>5231 Colfax Avenue North Hollywood, CA 91601 818-753-6200</p>		<p>North Hollywood High School, originally called Lankershim High School when it opened in 1927, is a secondary school in North Hollywood, California. Gifted Magnet and a Zoo Magnet on the LA Zoo site.</p>



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Puente	Puente Project 300 Lakeside Dr. 7th Floor Oakland, CA 94612 510-987-9548	UC	Helps educationally underserved students succeed academically, enroll in college, and return to the community as mentors and leaders; it has both high school and community college programs.
Santa Susana High	Robert Thompson 805-520-6800 http://www.santasusana.org		The mission of Santa Susana High School (SSHS) is to promote academic excellence and provide a challenging curriculum emphasizing the Arts, Information Technology, and Academics . SSHS is formally organized into a unique structure of "Schools & Academies" in which students focus on a specially designed four-year course of study. The academy-specific curricular paths combine interest-based courses with core academic foundations to guide students through their high school careers. This Smaller Learning Community environment allows students to pursue their academic interests as they build skills for a postsecondary life. The innovative, creative, and forward-thinking nature of the SSHS community has earned the school recognition by outside agencies. Through the support of federal and state grants, the school is able to provide a solid standards-based curriculum shaped by student interests, a nine-period extended day bell schedule that provides students access to a wider array of curricular choices, and intervention programs to offer additional help to all students.
School of math Engineering and Science - Sacramento HS, St. Hope Academy Magnet/ Charter	PK Diffenbaugh 2315 34th St Sacramento, CA 95817 916-277-6200		The School of Math Engineering and Science (MES) offers a comprehensive college preparatory curriculum that is enhanced by a variety of electives related to the fields of science, engineering, and technology. MES produces results through a high quality educational program and community of educators who hold the highest standards. The School of MES is committed to serving the needs of each student through curriculum, life skills, and advisory.
Sherman Oaks Center for Enriched Studies	San Fernando Valley, California		Sherman Oaks Center for Enriched Studies is a magnet public school in the San Fernando Valley
Troy HS	Fullerton, California		Troy High School is a combined public and magnet school located in Fullerton, California, USA, well-known for its Troy Tech and International Baccalaureate programs



California **Special** Populations

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UC College Prep (UCCP)	Web Address Only: http://www.uccp.org/index.php?option=com_frontpage&Itemid=1	Online UC AP Classes	Based at UC Santa Cruz, program provides Advanced Placement and honors courses on the Internet, so that more students are competitive in their applications to UC and other universities.
<i>What is the California Teach Science and Math Initiative?</i>	UC College Prep (UCCP) Bio Sciences Trailer Suite 137 Irvine, CA 92697 949-824-0693	Encourage STEM Teachers	The University of California launched the California Teach Science and Math Initiative in 2005 in response to the critical shortage of highly qualified math and science teachers in the state. Through this initiative, the UC system has committed to significantly increase the number of new math and science teachers it prepares. Each campus has developed strategies to encourage its math, science, engineering, and computer science majors to learn about and prepare for teaching as a career option, including undergraduate courses, programs, advising, and financial support. Learn more by reading a letter from Governor Schwarzenegger and UC President Dynes or by navigating this website.

