

Org-Type	Non-Profit-based		
Lead	San Diego Science Alliance	PoC	Nancy Taylor
PoC-Phone	858.292.3854	PoC-Email	ntaylor@sdcoe.net
Address	6161 El Cajon Blvd #409 San Diego, CA 92115		
URL	www.sdsa.org		
Service-Region	San Diego County		
Type	Professional Development for Teachers Student Program Resources Other		
Subjects	General Science Biology Chemistry Physics Earth Science Environmental Science Engineering Robotics Technology Other		
Level	Elementary School (K-5th grade) Middle School (5-8th grade) High School (9-12th grade) Professional Development		
Other-Objectives	San Diego Science Alliance is the catalyst for improving K-12 science education in San Diego County. We deliver quality experiential programs, build bridges between the region's diverse business, education and scientific research communities, and foster public/private partnerships to increase science literacy.		
Served-per-Year	15,000	Demographics	
Content	<p>BE WISE – Better Education for Women in Science and Engineering BE WISE invites girls in grade 7 and 8 to Science Overnights to explore their interest in science, hosts events for BE WISE alumnae in high school to encourage their selection of more courses in science and math, and exposes these girls to adult women scientists who share their knowledge and passion and experiences with science and engineering careers. Events are scheduled throughout the academic year and during the summer. High Tech Fair - The primary goal of the High Tech Fair is to demonstrate to middle and high school students the actual applications of the science, technology, engineering and math concepts they are learning about in their core academics. Researchers and industry exhibitors prepare interactive exhibits where students can explore technological advances that are practiced by STEM professionals. The interactions that take place during the fair result in new inspirations for students and teachers and renewed commitments to education outreach for exhibitors. STEM Professionals with Class– The Science, Technology, Engineering &amp; Mathematics (STEM) Professionals with Class is an innovative program that matches STEM professionals from business, research and higher education with K-12 classroom volunteer teaching opportunities. The program leverages the involvement of a community rich in scientific professionals to provide positive science role models to students and teachers. Robotics - SDSA provides 7th–12th grade students the opportunity to learn more about and use basic skills that are important to modern robotics through innovative programs like Botball and FIRST Robotics. MSSELI – Middle School Science Education Leadership Initiative The goal of MSSELI is to identify lead science teachers from San Diego City and County middle schools. Once identified, these teachers participate in an intensive summer and academic year professional development program focused on science content, leadership strategies, and collaboration with area public and private scientific institutions. Health Sciences Initiative - HSI supports high school health academies or pathway programs and enhances Latino and diverse students' health and science education experience. Through the HSI project, SDSA and the collaborative partners seek to provide resources and recommendations to existing and future health academies, college level educators, and industry leaders that can be utilized to engage students to pursue health careers. Expanding Your Horizons (EYH) - A conference coordinated for 6th through 10th grade young women by the national Math/Science Network that increases the participation, retention, and advancement of girls and women in math, science, engineering and technology. Resource Catalog – A comprehensive online listing of K-12 educational programs and resources relating to STEM (Science Technology, Engineering, and Math) education. This database can be searched by kind of resource, subject area focus, grade range, and audience. Online Announcements - The "Science E-News" e-mail service provides advance information about local STEM education events and resources, as well as professional development opportunities for teachers.</p>		
Outcomes	Networking, resource sharing, professional development, industry involvement		
Started	1995	Funded-Through	ongoing
Length	Ongoing	Cost	
Primary-Funding	Donations	Primary-\$	
Materials			
Other-Funding			
How-Assessed	Ongoing external evaluation of all programs		
Best-Practice-Why	The San Diego Science Alliance has been recognized by the "What's Working: A Guide to Effective K-12 Math and Science Education in San Diego County for building teacher capacity, innovative school-based programs, community-based enrichment and system-wide connectivity		
Promising-Practice			
Sponsor		Sponsor-Org	San Diego Science Alliance
Sponsor-Phone		Sponsor-Email	
Other-Orgs	San Diego County Office of Education		