

Putting STEAM into Summer

A Guide to Regional Partners and Resources:
Bay Area



Where to Start in the Bay Area

The greater Bay Area is a study in contrasts, ranging from the rural areas of San Benito and Sonoma counties to the freeways and urban challenges of San Jose, Oakland, and San Francisco. The region has more than its share of small school districts, making partnerships challenging. At the same time it is rich in STEAM expertise and powerful organizations, particularly given the prominence of its technology industry and higher education institutions.

Regional Networks and Resources

The state's Expanded Learning Technical Assistance System divides the Bay Area into two separate regions for purposes of technical assistance. Given the region's robust technology economy, its leaders have also played instrumental roles in the Power of Discovery initiative, which supports STEAM learning in expanded learning programs.

- » REGION 4 includes Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, and Solano counties. The regional leads work at the Alameda County Office of Education. Contact Joe Hudson, 510-670-7732, Email: jhudson@acoe.org and Nora Zamora, 510-670-4541, Email: nzamora@acoe.org.
- » REGION 5 includes Monterey, Santa Clara, Santa Cruz, and San Benito counties. The lead for the region works at the Monterey County Office of Education. Contact Mara Wold, Email: mwold@monterey.k12.ca.us.

School District Examples

Oakland Unified School District uses a number of different contractors to provide its school-year and summer programs. The district provided professional development and coaching to the program staff as part of a science learning pilot it started in 2013.

Gilroy Unified School District blended academics and enrichment in its 2016 Super Power Summer Camp for elementary and middle school students.



Local Support Organization Examples

The YMCA of Silicon Valley works with multiple school districts, as is typical of many community-based organizations. They operate both after-school and summer programs at school sites in many different districts in this diverse and highly populated region.

The YMCA often acts as a connector between the districts and schools where they run programs and various local organizations that can provide activities, experts, and curricula in different areas of STEM. These range from NASA Ames Research Center to the Tech Museum of Innovation. Often these organizations are eager to share their knowledge and resources with local schools and, with so many districts in the region, find it helpful to work with a community organization that already has school district partners.

The Sunset Neighborhood Beacon Center (SNBC) offers numerous high quality, free programs to elementary, middle, and high school students, as well as adults, on San Francisco's west side.

SNBC is a program of **Bay Area Community Resources**, a regional nonprofit that provides a range of services in seven counties around the San Francisco Bay Area.

Examples of Local STEM/STEAM Resources

The California Academy of Sciences sponsors Science Action Club, which works through after-school providers and is targeted to middle school youth.

The University of California, Berkeley's Lawrence Hall of Science is the country's only science center that is part of a top-tier, public research university. The Hall partners with world-class scientists, engineers, educational leaders, and teachers.

The Tech Museum of Innovation works with local school districts to provide field trips, special programs, curriculum, and professional development.