

Supplemental Figures and Tables

Supplementary Figure 1- Community Service

Community Service

Go beyond the classroom and your school with community service. You'll be volunteering your time with a local group, [experiencing real life off campus](#) and [helping your neighbors](#). In addition, many colleges and universities about applicants' community service projects, so [it can help you get into college](#). Check with your counselor to see what opportunities are available.

Projects have included:

- Science students studying earthquakes and assembling earthquake preparedness kits. They distribute the kits and teach local residents how to develop earthquake preparedness plans.
- Language Arts students providing cross-age bilingual tutoring and translation services.
- Social Studies students examining the responsibilities and rights of citizens and organize a "Get Out and Vote" campaign or volunteer as student poll workers.
- Math students incorporating geometric principles in designing wheelchair ramps for community access.
- Art students making seasonal decorations for senior centers, nursing homes, shelters, etc.
- Technology school students designing and maintaining web sites for local non-profit organizations.



- 1 Because college admissions
- Foster civic responsibility and community/engagement, relationships
- 0 Learn/build skills
- 1 improve community/school/help neighbors
- 0 build esteem, good feels, character
- 1 real life experience
- qualify for award, association, guaranteed admission, IB qualification etc
- 0 for fun/interest/passion
- 0 class requirement
- 0 Intervention/ penalty

President's Volunteer Service Award

Students who complete a required number of hours, depending on their age, are [eligible for the President's Volunteer Service Award](#). The program is a way to thank and honor Americans who, by their demonstrated commitment and example, inspire others to engage in volunteer service. The program is an initiative of the Corporation for National and Community Service. [Read more.](#)

Supplemental Table 1 - Aggregate List of Activities that Qualify or Don't Qualify as Community Service Activities

Sample Activity	Not CS	CS
Paid work	4	0
Sales of items for fundraisers for school or sports	4	0
Attendance in club meetings, church, youth group	3	0
Service done for family members or neighbors	4	0
Service related to a class, credit for a class, or the making of profit, defraying costs of trips, etc.	2	0
Service performed for a profit-making organization	2	0
Activities that would usually be considered normal extracurricular (or co-curricular) activities such as sports and sports related activities (managers), cheerleading, participating in school performance activities that are related to a class, ASB activities, etc.	2	0
Service for Hospital, soup kitchen, homeless shelters, or orphanage	0	3
Service for Non-profit, community-based, professional organization	0	3
Animal rescues	0	2
Assisted Living Facilities, convalescent homes	0	2
Community service through a religious institution	0	2
Community service club activities (not meetings)	0	2
Community service through Boy Scouts or Girl Scouts	0	2
Organized Community Clean up / beautification activities	0	2
Political campaign activities	0	2
Tutoring outside of school hours	0	2
Sports events of younger children, refereeing, etc.	0	2
Unpaid poll worker on Election Day (must be organized through school)	0	2

Numbers do not add up to six since each example/guideline did not have every activity listed. For example, four of the six unique examples/guidelines found specifically mentioned that paid work would not count as a community service activity. The remaining two examples/guidelines made no mention of paid work.

Supplemental Table 2 - Survey of San Diego Citizen Science Efforts

Institution	Institution Type	Project Name / Type	Impact/outcome
Anza-Borrego Foundation	Park	Wildlife surveys, bioblitzs	Ecological Health
Beach Ecology Coalition	Environment Coalition	Grunion Greeters	Ecological Health
Cabrillo National Monument	Park	Wildlife surveys, bioblitzs	Ecological Health
California Dept. of Fish and Wildlife	Government	Invasive Species	Ecological Health
California Native Plant Society-San Diego Chapter	Specialized society	Native plant restoration	Ecological Health
Cal. State University, San Marcos	Academic	Agua Hedionda Naturalist App (CSUSM)	Biodiversity
County of San Diego, Dept of Vector Control	Government	Fight the Bite	Population Health
Earth Discovery Institute	STEM education	Bioblitzs, monarch monitoring	Ecological Health
Gulf of California Marine Program (GCMP)	Academic	PINBoat	Ecological Health
I love a Clean San Diego	Environment Coalition	Pollution Monitoring	Ecological Health
Knight Lab/University of California, San Diego	Academic	American Gut	Biodiversity
Mission Trails Regional Park	Park	Wildlife surveys, bioblitzs	Ecological Health
NOAA	Government	Ocean Sampling Day	Biodiversity
Ocean Discovery Institute	STEM education	BioBlitzs	Ecological Health
Ocean Sanctuaries	Specialized society/Environment Coalition	Sevengill Shark ID Project, Sharks of California, Yukon Marine Life Project	Ecological Health
Ollman-Saphire Lab, TSRI	Academic	Outsmart Ebola	Patient Populations
Olson Lab/TSRI	Academic	FightAids@Home	Patient Populations
Reuben H Fleet Museum	Museum	Varies	Varies
San Diego Audobon Society	Specialized society	Bird surveys, bioblitzs	Ecological Health
San Diego Children and Nature	STEM education	Varies	Varies
San Diego CoastKeeper	Environment Coalition	Water Quality Monitoring	Ecological Health

San Diego Mycological Society, Barcode of Life	Specialized society	Mushroom Barcoding Project	Biodiversity
San Diego Natural History Museum	Museum	Plant atlas, herp atlas, other animal atlases	Biodiversity
San Diego Public Libraries, Barcode of Life	library	Catalog of Life @ the Library	Biodiversity
San Diego River Park Foundation	Park	RiverWatch, RiverBlitz, River Bugs are cool	Ecological Health
San Diego SURFRider	Environment Coalition	SmartFin, Blue Waters	Ecological Health
San Diego Tracking Team	Specialized society	Wildlife Surveys	Ecological Health
San Diego Wildlife Refuge	Park	BioBlitzs	Ecological Health
San Diego Zoo Institute for Conservation Research	Specialized society	Wildwatch Kenya	Ecological Health
San Dieguito River Valley Conservancy	Park	San Dieguito Citizen Science Monitoring Program	Ecological Health
San Elijo Lagoon Foundation	Park	Wildlife surveys, bioblitzs	Ecological Health
Scripps Institute of Oceanography (SIO)	Academic	Quake Catcher Network	Seismic Activity
Su Lab/The Scripps Research Institute	Academic	Mark2Cure	Patient Populations
Sunrise Center	Wellness center	Democracy Counts!	Electoral Fairness
SIO / USC Sea Grant	Academic	Urban Tides Initiative	Ecological Health
Wet Lab	Hackerspace	Cove project, Salton Sea project	Ecological Health
Wet Lab	Hackerspace	Data science for democracy	Electoral Fairness

Note that project activity status depends on funding and not every project was active at the time this manuscript was written.