

2018 – 2019 San Mateo – San Francisco Countywide Projects

<p>Advanced STEM Sponsored: San Carlos/Eaton Hills 4-H Club Adult Leader: Aida Paragas, aidaparagas@hotmail.com Youth Leader: Anna Quinlan, anna.quinlan123@gmail.com Open to: 7th graders -12th graders</p>	<p>Description: Ever heard of liquid nitrogen? Well, that's what Advanced STEM's first meeting is all about! We're going to learn about why liquid nitrogen is so cold and then get to see some in action by making ice cream. Any 4-Her in San Mateo County that's in grades 7-12 and interested in learning about science and technology can join the project. There will be 4 total meetings and they will each be 2 1/2 hours to 3 hours. Other potential topics include dissections, the chemistry of cooking (with macarons and marshmallows!), and visiting a science laboratory.</p>
<p>Biz World Project Sponsored: Burlingame/San Mateo 4-H Club Adult Leader: Joan Chipser, joanchipser@sbcglobal.com Youth Leader: Open Open to: All Ages</p>	<p>Description: The curriculum geared for the 3rd thru 8th grade is open to all members. This project will teach children the basics of entrepreneurship, business, and finance in a hands-on manner. This project gives children the opportunity to learn first-hand how to start and operate their own business. Working in teams, kids start, fund, and run their own company in the friendship bracelet industry. The teams will sell their products at the combined Favorite Foods Day/Fashion Review/Crafts Expo/SET event to be held next Spring.</p>
<p>Computer Science First Project Sponsored: Belmont 4-H Club Adult Leader: Paul Friedrichs & Ian Cavasos, pfriedrichs@gmail.com, ian.cavasos@gmail.com Youth Leaders: Mallika Agrawal Open to: 4th graders to 8th graders</p>	<p>Description: Computer Science (CS) First Project: 4-H and Google are coming together for a first-of-its-kind computer science (CS) collaboration that will teach kids both technical skills like coding, and essential skills students will need in the future like, teamwork and resilience. The CS First Project isn't just about programming computers, it's about helping youth learn skills they'll need to approach problems in a fundamentally different way across every discipline from business to engineering to the arts.</p>
<p>4-H Million Trees Project Sponsored: Pacifica 4-H Club Adult Leader: Tom Webber, 4hmilliontrees@gmail.com Youth Leader: Open Open to: 13 – 18 yrs old</p>	<p>Description: The 4-H Million Trees Project gives youth an opportunity to learn about conservation as they have fun planting trees and doing their part in the climate crisis. Meetings/planting events scheduling for this service-learning project will depend on the rains and the access to planting sites.</p>
<p>Equine Sponsored: Menlo Park 4-Club Adult Leader: Jennifer Ott Cameron jottcameron@yahoo.com Youth Leader: Open Open to: 9 – 11 yrs old and 12 & up Max 12 youths per group</p>	<p>Description: This project is intended to educate the equine community. There will be a focus on ethology, welfare and scientific observation and potential hands-on activities for grooming/husbandry, leading, obstacles if it suits the group. The outcome of this project is to create a scientific poster on topic of group's choosing to be presented at County Fair. The older group may also have individual or team short oral presentation about equine science topic presented at SMCHA June horse show.</p>
<p>Native Plant Gardening Sponsored: Pacifica 4-H Club Adult Leader: Joyce "Freidel" Cohen, freidele2@yahoo.com Youth Leader: N/A Open to: All Ages. Youths under 8 yrs old must be accompanied by a participating adult.</p>	<p>Description: Learn about native plants and encourage biodiversity. Grow plants from seeds and cuttings, planting native plants on ocean bluffs in Pacifica. Help maintain native plants at Rockaway Switchbacks.</p>

<p>Quilting Sponsored: Belmont 4-H Club Adult Leader: Evelyn Klein, eeklein@pacbell.net Youth Leader: Open Open to: 9+</p>	<p>Description: Learn how to sew a quilt. New members will be working on one quilt were continuing members will work on other quilts. You could enter your finished quilt at the San Mateo County Craft Expo and/or San Mateo County Fair youth exhibit. Cost of quilt is \$60.00 up.</p>
<p>Record Book Project Sponsored: Redwood City/ Cañada 4-H Club Adult Leader: Nicole Lynch, lynch5600@aol.com Youth Leader: Kaitlyn Lynch, kaitlynnn.4h@gmail.com Open to: 9 yrs old and up</p>	<p>Description: This Record Book project will teach youth how to use Online Record Book (ORB), how/what to enter in their record book and what section to enter it in. It will also allow youth to have a designated work time to complete their record book throughout the year and promote the completion of record books.</p>
<p>Symphony Orchestra Sponsored: Belmont 4-H Club Adult Leader: Michele Higdon, michele_higdon@yahoo.com Youth Leader: Alyssa Higdon, alyssa.higdon@gmail.com Open to: All Ages</p>	<p>Description: This project will form a Symphony Orchestra that plays music to the members' tastes; open to anyone that knows how to play an instrument or is interested in learning. The project will start in January 2019.</p>