

Project Name and Description	Leaders	When and Where	Age and Other Restrictions
<p>Advanced STEM</p> <p>Ever heard of dry ice? Well, that's what Advanced STEM's first meeting is all about! We're going to learn about why dry ice is so cold and smoky, and then get to see some in action by making ice cream. Any 4-Her in San Mateo County that's in grades 6-12 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; the first meeting is on Saturday, November 17th, from 12:30 to 3 at the San Carlos Library. Other potential topics include dissections, the chemistry of cooking (with macarons and marshmallows!), and visiting a science laboratory.</p>	<p>Aida Paragas</p> <p>Anna Quinlan</p>	<p>Four meetings, all on Saturdays</p> <p>The first meeting is on Saturday, Nov 17th, from 12:30 to 3.</p>	<p>6th grade and older</p>

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<p>Archery, Intermediate</p>	<p>Jason Wacha</p>	<p>TBD, but expect 1 meeting each month, on a weekend, for about 2-3 hours/meeting.</p> <p>Probably meet Nov. - April, maybe missing December.</p>	<p>Recurve/Long bow only (no compound)</p> <p>You must bring your own equipment (bow; arrows; quivers; protective gear)</p> <p>We will be shooting at targets anywhere from 10 yards to 40-50 yards away</p> <p>Expected cost \$0 to \$15/meeting, depending on where we shoot</p> <p>Participants will be encouraged to shoot in one or more tournaments (we can shoot for tournament scores on one of our meeting dates)</p>

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Backpacking	<p>Alison Fox</p> <p>Dan Enthoven</p>	<p>Sundays, 5-6pm: Jan 27 Feb 24 Mar 24</p> <p>Fox house. Trip May 4-5.</p>	<p>Age 12 and older</p> <p>Limit 10 participants</p> <p>Attendance at all three meetings is mandatory in order to participate in the overnight trip.</p> <p>You must provide your own gear for the trip. A detailed list will be distributed at the first meeting. You must be in good health and able to carry 20 pounds over the course of an 8 mile round trip hike.</p> <p>Parent support for transportation will be required.</p> <p>If you have special dietary or medical requirements, please discuss this with the leaders in advance.</p>
Beekeeping	<p>Dan Enthoven</p> <p>Brad Cook</p>	<p>Sundays, 10:30-12:30 December 2 January 27 February 24 March 24 April 28</p> <p>Enthoven house and farm</p>	<p>Age 11 and up</p>

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<p>Beginning 4H</p> <p>Make friends and learn all about 4H! Members will be introduced to a sampling of traditional 4H projects including crafts, cooking, and raising and caring for animals like chickens and rabbits. We will take a tour of the 4H farm in the spring.</p>	<p>Pam Leffler</p> <p>Sarah Kelsey</p>	<p>Sundays from 3:00 to 4:30. November 11th December 9th January 13th February 3rd March 17th April 14th May - date TBD</p> <p>Location: San Carlos Public Library Community Room for some meetings; as well as other locations in San Carlos</p>	<p>Ages 5 to 8 and first year in 4H</p>
<p>Cavies/Guinea Pigs</p>	<p>Missy Damon</p> <p>Need co-leader</p> <p>Sophia Vattuone JTL</p>	<p>These Sundays from 1-2:30</p> <p>6 meetings Jan 13 Jan 27 Mar 10 Apr 14 May 5 plus county Animal Field Day, date tbd</p>	<p>Any age</p> <p>Limit 12 participants</p>

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<p>Community Detectives</p> <p>Kids will experience helping make their community even better, as well as making donations to local and international charitable organizations. Kids will also have opportunities to detect ways to improve what we do. This year kids will run a booth providing hot beverages to families at the Night of Holiday Lights on November 30. They will also lead the club in removing invasive plants from Arguello Park in the spring. A third activity may be added as well. Some parent participation is needed</p>	<p>Ellen Hohbach Scheetz</p> <p>Julie Engberg (juliemengberg@gmail.com)</p> <p>Stacy Wenzel (stacyswenzel@gmail.com)</p> <p>JTL Nolan Scheetz</p>	<p>First “planning” meeting is Friday, November 9, from 6:45 to 8:15 p.m. Location: Co-leader’s home</p> <p>First “activity” meeting: Friday, November 30, from 5:30 p.m. to 9:15 p.m. (Work will be done in shifts.) Location: Night of Holiday Lights in San Carlos, at a booth on Laurel Street</p> <p>Dates for the other planning and activity meetings will be decided between the participants.</p>	<p>Age 10 and up (kids who are age 9 will also be considered)</p> <p>Some parent participation needed</p>
<p>Cooking, Beginning (focus on baking)</p>	<p>Noah Schembri</p> <p>Liz Dyer(Liebes)</p> <p>Rachel Winmill</p>	<p>most first Fridays of the month from 4:30-6:30.</p> <ul style="list-style-type: none"> -November 2 -Nov 30th -January 11 -February 15 -March 1 -April 12 <p>Winmill’s kitchen</p>	<p>Age 6 and up, but 6 and 7 year olds need their adult to stay at meetings</p> <p>Maximum 10 participants</p> <p>Expected cost approximately \$5.00/meeting</p>

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<p>Cooking, Intermediate</p>	<p>Kimberly Gische</p>	<p>#1 (November) Sun Nov 11, 2018 - Pie! #2 (December) Sun Dec 16, 2018 - Bread (longer meeting) #3 (January) Sun Jan 13, 2019 - Chicken #4 (February) Sun Feb 10, 2019 - tbd #5 (March) Sun Mar 10, 2019 - Field Trip #6 (April) Sun Apr 14, 2019 - tbd - and/or Life Skills Festival #7 (May) Farm Open House</p> <p>Most meetings will be 1:30-4pm at 76 Exeter Avenue. The December meeting will likely be longer as might the March field trip. There might be two meetings in April depending on the timing of the Life Skills Festival.</p>	<p>Age 10 and up, plus cooking experience. (Must know how to work with knives and cooking basics)</p> <p>Maximum of 12 participants</p>
<p>Crochet Critters</p> <p>Use the basic single crochet stitch to create 3-dimensional stuffed creatures. Beginners will follow a simple pattern, more advanced crocheters can learn to design their own.</p>	<p>Caroline Spinali</p> <p>Ann Lou</p>	<p>Fridays 5-6:30 Tentative Dates: December 7 January 11 February 1 March 8 April 12 May 10</p> <p>Spinali home</p>	<p>Age 10 and up</p> <p>Maximum of 10 participants</p>

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<p>Dogs</p> <p>We will be teaching the skills necessary to compete in the fair: heeling, stays, sitting, downs, recalls, Rally stations, Showmanship and Tunnel and weaves. By holding two meetings a month (Nov., Dec., and Jan.) we hope the 4-Hers will put lots of time into practicing skills with their dogs so they can compete at the fair in June like any other small animal project. Dogs should be worked a minimum or 10 minutes a day, 5 days a week</p>	<p>Kitty Norwood</p> <p>Michele Freitas</p>	<p>November 3rd Sat. 3-4 Pm November 18th Sun. 3-4 PM December 1st Sat. 3-4 PM December 16th Sun. 3-4 PM January 5th Sat. 3-4 PM January 20th Sun. 3-4 PM February 2nd Sat. 2-3PM March 2nd Sat. 2-3 PM April 6th Sat. 2-3 PM May Practice Match TBD</p>	<p>Age 9 and up (We will grandfather in 4-Hers younger than 9 if they were in the project last year.)</p> <p>Must have a dog and bring it to each meeting</p> <p>Dogs should be worked a minimum or 10 minutes a day, 5 days a week.</p> <p>Maximum of 15 participants</p>
<p>Equine (Countywide project, sponsored by Menlo Park club)</p> <p>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>Jennifer Cameron</p>	<p>Meetings will be one Sunday afternoon a month</p> <p>Webb Ranch, Portola Valley</p>	<p>Age 9 and up</p>

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<p>Farm Sculpture</p> <p>In this project, participants will repurpose leftover materials at the farm to make a sculpture.</p>	<p>Asher Becker</p> <p>Advisors: Catherine and Andy Campbell</p> <p>JTL Samantha Campbell</p>	<p>Meetings will be 2-4</p> <p>November 10</p> <p>December 1</p> <p>January 12</p> <p>February 2</p>	<p>Age 7 and up</p>
<p>First Aid</p> <p>In this project, youth learn about prevention and treatment of injury. We will learn how to deal with cuts and scrapes, choking, sprains/strains/bruises, nosebleeds, getting rid of foreign objects, stings, bites, poisons, broken bones, and burns.</p>	<p>Lisa Gilliam</p>	<p>Sun Nov 4 @ 2-4 pm - Gilliam/Henderson home</p> <p>Sun Jan 6 @ 2-4 pm - San Carlos library</p> <p>Sun Feb 3 @ 2-4 pm - San Carlos library</p> <p>Sun March 3 @ 2-4 pm - San Carlos library</p> <p>Sun April 21 @ 2-4 pm - San Carlos library</p>	<p>Age 8+, please consider maturity level of your child if on the younger end.</p> <p>Limit 10 participants</p>
<p>Goats, Market and Dairy</p> <p>The goat project will cover multiple aspects of goat husbandry including dairy, fiber, and pack animals with an emphasis on market goats and preparing animals for the show ring</p>	<p>Danielle Grimsby</p> <p>Maria Smith</p>	<p>11/11 1PM, 12/9 1PM, 2/10, 1 PM and 3/17 1PM.</p>	<p>Members must be a minimum of 9 years old to be in the project, no need to own a goat. However, to raise a goat on the farm, you must have raised market chickens or other large market animal.”</p>
<p>Hands Across the Generations</p> <p>This community service project will give you the opportunity to interact with seniors while enjoying games and craft projects together.</p>	<p>Cristina Meeks</p> <p>Christina Carrier</p> <p>Hseinwie Gould</p>	<p>TIME: SUNDAY 3-5PM</p> <p>DATES:</p> <p>11/18</p> <p>1/13</p> <p>3/17</p> <p>4/28</p> <p>LOCATION: 707 Elm St, San Carlos</p>	<p>In order to create consistency and community with the seniors, we’re looking for commitment to the dates listed below. If you have a conflict with one meeting for another project, this will be fine.</p> <p>AGES: 9-18</p>

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JTLs (Leadership)	Maeve Knoth	First Tuesday of the month. 7-8 pm Clifford School Library	Grades 7 to 12
Lamb, Market Learn everything you need to know to select, raise and show a market lamb. You do not need to raise a lamb for fair to join this project but we will prepare you for it! There will be a great deal of emphasis on lamb education, teamwork and farm responsibility. For those bringing a lamb to fair, you will need to market your lamb and find a buyer for the auction.	Rebecca (Lewit) Wihl Linh Chan Kelly Steitz	October 24th 7pm-(location tbd) Nov 14 7pm Dec 12 7pm Jan 9 7pm Feb TBD March TBD April TBD May TBD June TBD	Ages 9 and up and must have raised a small animal.
Leathercraft Members will be making age/skill appropriate projects with leather. Tools & stamps are used to create designs and patterns in leather. Participants are encouraged to enter items in the Life Skills Festival as well as Faire	Kristin Garrett	At Devil's Canyon Brewery (it is closed during this time and only open for 4H leather craft participants) 935 Washington Street San Carlos	Ages 8 and up 8 participants maximum

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<p>Photography</p> <p>In this project you will learn the basics of taking photos. Photographers will learn how to properly compose a photo, study the basics of proper lighting, and execute multiple projects centered around 4-H culture. The project will end with 4-Hers submitting photos at the San Mateo County Fair.</p>	<p>Erica Theuner</p> <p>Catherine Campbell</p>	<p>Saturday mornings (most meetings will be held 10-11)</p> <p>Nov. 17</p> <p>Dec. 1</p> <p>Jan. 12</p> <p>Feb. 2</p> <p>March 16</p> <p>April 13</p>	<p>Ages 12 and up</p> <p>Bring your own camera (any type is acceptable)</p> <p>Maximum of 10 participants</p>
<p>Poultry, Market</p> <p>This is a perfect project for both beginner and advanced 4H members to actively participate in raising a small animal, and joining the fun at the 4H Farm and the San Mateo County Fair. In addition to the project meetings, members will raise their own day-old chicks at their homes for a month, then move them to the Farm for a second month before they are shown and sold at the San Mateo County Fair.</p>	<p>Stacy Dent</p>	<p>Tentative meeting dates are on Sundays at 3:30 pm</p> <p>December 2</p> <p>January 6</p> <p>March 3</p> <p>April 7</p> <p>May 5</p> <p>June 5</p>	<p>Must be 9-years-old by January 1, 2019.</p> <p>Maximum 16 participants.</p>

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<p>Poultry, Show</p> <p>Show Poultry is a fun and hands-on learning experience that develops life skills, as well as teaches valuable information about properly caring for their bird and as well as how to show their bird. Please note, students are no required to go to fair to participate in this project. Participation in this project and other 4-H projects help develop responsibility, decision-making, nurturing, and communication skills.</p> <p>We will likely meet on a monthly basis and may have at least one trip to an area poultry show (date and location to be determined) and participate in farm clean-up.</p>	<p>Linh Chan</p>	<p>Nov 4 @ 2 pm Dec 2 @ 2 pm Jan 6 @ 2 pm Feb 3 @ 2 pm Mar 3 @ 2 pm Apr 7 @ 2 pm May 5 @ 2 pm</p>	<p>open to all</p>

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<p>Product Design Project</p> <p>4-Hers will participate in a design project that will culminate in a prototype product which will be useful for the 4H animal projects. Participants will go through the complete design cycle, including interviewing stakeholders, developing criteria and requirements, brainstorming solution concepts, prototyping, and evaluating and validating a solution. This project will teach the concepts of system engineering and strengthen individuals project management, brainstorming, open thinking, and analytical abilities. Minimum age: 8th grade.”</p>	<p>Brian Wihl</p> <p>Robert Lewit</p>	<p>details TBD</p>	<p>8th grade and up</p>
<p>Rabbit Husbandry</p>	<p>Rita Gould</p> <p>Leah Fine</p>	<p>Wednesdays 6:30-7:30. Exact dates TBD.</p> <p>Meetings will be held at the leaders' houses in San Carlos.</p>	<p>No age restrictions.</p> <p>Not necessary to own a rabbit to join.</p>
<p>Rabbit Socialization</p>	<p>Rita Gould</p>	<p>Saturdays from 9-11 am once a month, and families can pick their own dates.</p>	<p>Age 10 and up.</p> <p>Rabbit or guinea pig experience required.</p>

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<p>SET</p> <p>Do you enjoy making things that fly, roll, or drop? Do you like to build electrical gadgets? Or figure out how something works? If so, this 4H project is for you. Each meeting involves a hands-on activity, some favorites from past years and others new ones for this year. The activities are designed for a range of skills and ages. Younger members can complete them with adult assistance, while older members can learn more of the science/math behind them. The meetings begin with a brief tutorial on the important science and engineering concepts. And if you are a JTL, there are many opportunities for you in this project, such as, help give the tutorials, lead each meeting's activity, and help the younger members with the activities.</p>	<p>Keith Farkas</p> <p>Doug Magie</p> <p>Missy McAlexander</p>	<p>2nd Saturday of each month, November thru May inclusive.</p>	<p>open to all</p>
<p>Steer, Market</p> <p>Learn to raise and care for market cattle.</p>	<p>Rebecca (Lewit) Wihl</p> <p>Elizabeth Kurr</p>	<p>Meetings will be held at Crystal Spring Farm</p>	<p>Ages 9 and up and must have raised a small and large animal previously.</p>
<p>Swine</p> <p>Learn everything you need to know about selecting, raising, and showing a swine at fair. You can join without taking a swine to fair.</p>	<p>Kathleen Murray</p>	<p>Meetings will be once a month until we get pigs in February. Then there will be farm time nightly and possibly some mornings closer to fair</p> <p>Time and location TBD</p>	<p>Members must have already completed a small animal project.</p>

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Turkey	Julie Figliozzi	Details TBD	Age 9 and up
Weaving Weave a project project bag using a rigid heddle loom to weave the body of a bag, and an inkle loom to weave the strap.	Caroline Spinali	Fridays 5-6:30 Tentative Dates: November 9 December 14 January 18 February 8 March 15 April 19 May 17 at Spinali home	Age 8 and up Maximum of 10 participants
Woodworking	George Walschon Cristina Meeks	Sundays 11/18, 1/13, 2/10, 3/10 and 4/7 all 10-noon for now 18 Sunnydale Ave. San Carlos	Age 10 and up Maximum of 8 participants