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Agriculture and Natural Resources | 4-H Youth Development Program



## SEPTEMBER 2013 TIMELY TOPICS

### Upcoming Events:

#### **The 4-H Office will be closed September 2, 2013 in observance of Labor Day**

- |  |   |
|--|---|
| ➤ <b>County 4-H Record Book Judging</b>          | <b>September 8, 2013</b>                                |
| ➤ <b>Full County 4-H Council Meeting</b>         | <b>September 10, 2013</b>                               |
| ➤ <b>County 4-H Ranch Committee Meeting</b>      | <b>September 17, 2013</b>                               |
| ➤ <b>Annual 4-H Club Leadership Team Meeting</b> | <b>September 28, 2013 <a href="#">RSVP Required</a></b> |
| ➤ <b>Mega Field Day</b>                          | <b>October 5, 2013</b>                                  |
| ➤ <b>Annual 4-H Club Officer Training</b>        | <b>October 19, 2013 <a href="#">RSVP Required</a></b>   |

**More details on all of these events in this issue of the Timely Topics**

### **4-H Welcomes All Youth and Families**

By Fe Moncloa, 4-H Youth Development Advisor

The 4-H Youth Development Program (YDP) is getting ready to start the 2013-14 program year. Several clubs are holding enrollment pic-nics and gatherings to encourage returning and new families to enroll (or re-enroll) and participate in this great youth program.

The 4-H YDP is open and accessible to all youth participants, regardless of their individual ability to pay. All brochures, marketing, or other communications of the 4-H YDP should include a notice of such. A [Request for 4-H Program Fee Waiver/Reduction](#) form is available from your club leader and should be filled out by the parent/guardian of the youth.

Families whose monthly household cash income is at or below 185% of the Federal Poverty guidelines qualify for the fee reduction. If your child is eligible for/enrolled in free or reduced price school breakfast or lunch you meet this criteria.

(Reference: <http://www.fns.usda.gov/cnd/governance/notices/iegs/iegs.htm>)

A sample statement to include in all recruitment materials is: *ANR programs are open to participants, regardless of their ability to pay. Program fees will be waived or reduced for eligible youth. Please contact (your 4-H club info here) if you have any barriers to participation or any special needs.*

In addition to the fee reduction, 4-H offers financial assistance to youth to participate in county-wide events such as Leadership Overnight and Summer Camp.

**STEP-BY-STEP GUIDE TO 4-H ONLINE ENROLLMENT, [[click here](#)]**



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## **SCC 4-H Program Enrollment Fees Unchanged for 13/14**

by Hans Toensfeldt

County Council Treasurer

You may have heard that the State increased its fees by about 20%

for FY2013-2014. When the County Council Finance Committee met several months ago it was unanimously decided that we would reduce the County Council assessments to offset the increases by the State. We made reductions in our Budget for FY2013-2014 to reflect the reduced income. The approved combined assessments from the Clubs are thus unchanged from last year: \$40 per youth Member, plus \$20 per family and \$0 for each adult Volunteer. From the funds collected, the Council will be paying the State's new Fees of \$34 per youth Member and \$12 for each adult Volunteer. The fees are also used to pay the costs of county-level events and activities: All-Star expenses, Non-Fair Awards and County Awards Night, Behind the Scenes (adult training event), Fair expenses for 4-H activities not paid by the Fair, Fashion Revue, Favorite Foods Day, Field/Forum/Festival days, Presentation Day, Sixth Grade Conference, Record Book Scholarships[Awards], Sectional Dues, Training for leaders at Club and Project levels, Council meeting expenses, Enrollment Waivers, bank fees, and other miscellaneous expenses. Council also pays full attendance fees to the State Leadership Conference (SLC) for new All-Stars; provides rebates- up to 50% - for first time attendees to SLC; and provides partial rebates to adults attending the State Leader's Forum (SLF) for the first time.

Note that these fees are in addition to any fees that your club may charge. The decision last year to not charge adults was made to encourage participation by Adult Volunteers. We need to have events and activities at the County (and higher) level(s) to provide for personal growth of those youth who are ready to expand their reach outside of the Club level. So, please encourage parents, guardians, and other adults to consider expanding their volunteer work to help us at the County levels. Tomorrow's Leaders will thank you.



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## Teaching 4-H Projects the “4-H Way”

By Fe Moncloa

4-H Youth Development Advisor

What is the “4-H Way” you may ask? Well, before I delve into those details, a project or teen leader needs to figure out if the project that a young person is interested in is an established or approved project or not. If it is a new project, then youth with an adult will need to complete the project proposal form. Ask your club leader for this form. All new projects are reviewed and approved by the 4-H Advisor. Once the project is approved, a 4-H project consists of the following:

1. Plan for 6-8 project meetings per club year. Consider field trips, guest speakers and judging opportunities to add variety to meetings.
2. Engage teen and junior leaders early to help with planning and delegate responsibility as appropriate.
3. Align your project plan with the Life skill wheel (see next page). You will need to work with all members to set goals for the project like community service, giving a demonstration to the club, entering the county fair or an open show)
4. Identify the curriculum and/or materials for projects and related expenses (fundraising possible and note that project members bear expenses)
5. Think safety: Medical forms, emergency contact info, how to report injuries or accidents.
6. Keep track of project members and their interest. If youth leave the project, please find out why.
7. Develop a project attendance form and a process to approve “replacement work” when a member can’t make a meeting
8. Model meeting management skills – engage all, start and stop on time, discourage interruptions, enforce 4-H code of conduct, review action items, etc.
9. Use Proficiency guides (if available for your project) to plan your year and help youth set personal goals.
10. The role of the adult or teen volunteer is to teach, mentor and demonstrate for youth, and allow youth to engage in the project

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Teaching a 4-H Project the “4-H Way” translates into the following:

1. Youth learn experientially. This is slightly different than “youth learn by doing” because the experiential learning cycle starts with “doing” and then the project or teen leader guides youth through the process of describing, relating and applying what they learned in the “doing” part. Refer to the experiential learning cycle.
2. Juniors and Teen Leaders. Encourage and provide opportunities for Junior and Teen Leaders to assist or teach the project. It is up to the Project Leader to identify the teens who will serve in these roles with the intention to give different youth the opportunity to serve each year.
3. Integrate the development of leadership, citizenship and life skills development into each project.
4. Community Service of Service-Learning activities are part of the project. The idea is for youth to identify the service that will be conducted, and for youth in partnership with adults to organize the event or series of events. Check out the Revolution of Responsibility for grants up to \$1,000 to support Service-Learning projects. <http://www.ca4h.org/Support/RofR/>
5. Peer mentorship: Older youth can mentor younger youth, or more experienced youth can mentor less experienced youth.
6. Youth-Adult Partnerships: Youth and adults develop a relationship where each other’s strengths are combined to create a successful project. Youth-adult partnerships take place when youth and adults plan, learn and work together, with both groups sharing equally in the decision-making process.
7. Keep a record: Maintaining a “record book” is not a requirement in 4-H, but keeping some kind of record where youth can reflect on what they learned is part of the experiential learning cycle.
8. Recognition. Celebrate the accomplishment of youth throughout the program year. The proficiency guides are helpful tools to do this.

At the end of the program year, 4-H’ers are eligible for the following pins that may be awarded at the club level: year achievement pins, year stripes, officer pins, 100 percent attendance, star rankings, club record book pin, Jr. or Teen Leader emblem and pin, and 4-H Thrive pins. At the county level, youth may be eligible for proficiency pins, county record book pin, all-star emblem, and emerald star emblem and pin.

Adults are recognized at the county level after their first year of serving as a 4-H Volunteer. Special recognition pins are given to 4-H volunteers in exceptional ways to the 4-H program.



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## 2013 State 4-H Presentation Day Results

### **THE FUTURE OF 4-H**

By Vicky Bosworth

Hello, Friends

We recently held the first Futures of 4-H task force meeting - there were 22 of us there--and a fairly diverse group: 7 staff, 8 youth, 5 volunteers, 1 facilitator, 1 non 4-H partner...

The meeting was long but very productive. We looked at charts and videos, discussed statistics and trends, and had a chance to try and capture all those things we love about 4-H. I will say here that while we did discuss minimally all of the various delivery modes of 4-H, we focused mainly on the club program.

Then we tried to outline all the things in 4-H we found frustrating. There were no decisions made. But the bottom line is this: if we want our club program to continue (and indeed, all the 4-H deliveries to continue) something has got to change. I can't imagine what that will be, or how it will look. It will probably upset people, though! My hope is that with enough participation and explanation and advance warning people won't be upset by any change, but actually excited by it. Wouldn't that be nice? I encourage you all to participate in one of the two webinars that will be hosted by UCANR on Sept 10 from 5:30-7:00pm, and Sept 18th from 6:00-7:30pm. These will basically be shortened versions of our day-long meeting. This is a good place for you to ask questions, voice your concerns, give us input, and bring up new ideas.

There is now a Facebook page for anyone to be a part of called "The Future of 4-H starts today". We are hoping for comments and input on that page, as well



### **4-H Summer Camp Book Drive Update**

By Holly Davis

We had 34 Dr. Seuss books donated for our 2013 4-H Summer Camp book drive.

These 34 books have been donated to San Jose's Family Supportive Housing. This Family center helps low income families become self-sufficient by providing temporary housing and assistance finding permanent housing, and employment.



Check out their website; they except all types of donations.

<http://familysupportivehousing.org/index.php/programs/san-jose-family-shelter/>



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## **4-H Adult Volunteers: Experiential teachers, coaches and mentors**

By Fe Moncloa, 4-H Youth Development Advisor

The role of 4-H adult volunteers is to teach experientially, coach and mentor children ages 5-19. One of the core values of the 4-H Youth Development Program states that 4-H adult volunteers are guides to youth learning. To expand on this core values, one of the program's criteria states:

The 4-H YDP is based on a proven experiential education model that creates an educational climate through planned learning by exploring, doing and receiving feedback.

A project leader teaches experientially, when they engage in "doing" an activity, and then guides youth through the process of describing, relating and applying what they learned in the "doing" part. The majority of 4-H volunteers in Santa Clara County, do teach youth a variety of projects using experiential learning and inquiry based learning methods. A handful of volunteers incorrectly believe that to do the chores or tasks for 4-H members (whether they are present or not) is consistent with the values of the 4-H program.

In *A Passion for Excellence*, co-authors Nancy Austin and Tom Peters define coaching as "the process that encourages people to step up to responsibility and continued achievement, and treats them as full-scale partners and contributors". A Project Leader, who is serving as a coach, is not the same as a sports coach, but there are similarities. Project Leaders: clearly express the purpose of the activity

- ✓ are ethical, respecting rules and procedures
  - ✓ communicate well and continuously
  - ✓ model qualities they ask of their team
- ✓ see or envision the "big" picture for the team

A project leader serves as a mentor to youth by developing a trusting relationship, and modeling positive behaviors. A 4-H volunteer is an effective mentor when she/he understands that his or her role is to be dependable, engaged, authentic, and tuned into the needs of the mentee.

In all of these three roles: teacher, coach and mentor, a 4-H volunteer guide's youth through learning in the various activities, projects, events and conferences that 4-H has to offer.



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# ARTICLES SUBMITTED BY 4-H'ERS

## **Youth-Led McClellan Ranch Tours**

By: Melissa Robell

A group of youth and adults from Rolling Hills 4-H club has focused on developing monthly public tour days at McClellan Ranch, located at 22221 McClellan Road in Cupertino. These tours are offered on the second Saturday of each month to increase publicity of 4-H and educate the public about the animals. We have been having tours for two months and more than eighty people participated. Currently at the ranch we have Miniature Horses, sheep, swine, poultry, pygmy goats, dairy goats and pack goats.

To help improve the tours we submitted for a Revolution of Responsibility grant. We also offer private tours for larger groups such as schools, scouts, etc. The Coyote Crest Clover Project came out last month and had a blast. If you are interested in volunteering at the next tour day or having a private tour please contact us at: [mcclellanranch4htours@gmail.com](mailto:mcclellanranch4htours@gmail.com)

## **Coyote Crest 4-H Club Clover Project Meet McClellan Ranch Baby's**

On May 25, 2013, the Coyote Crest 4-H Club Clover Project went on a Ranch Tour at McClellan Ranch. Here are some of the comments made by the Clovers (ages 5 to 8):

Lillian loved the baby goats the best and she learned that sheep have tails!!

Maia says: "I liked the horses. Tex was my favorite."

Stella says she learned "about the goats. The baby goats make a screaming sound when they are away from the mommies. It was kind of like a EEEEEEE sound"

Elise says, "We got to see chickens and we got to pet one. And we got to hold a baby goat. It screamed. They were really soft. We saw ponies. We couldn't touch them because they would think you are a carrot and it would bite our fingers. I had fun!"



All of the adults that attended the tour with their young members said that they had a great time and the Tour Guides were great with the kids.



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## **San Jose 4<sup>th</sup> of July Parade**

By Caroline Spencer, Rolling Hills 4-H Club



The Pleasant Acres and Rolling Hills 4-H Clubs participated in the San Jose 4<sup>th</sup> of July parade. Astoria and Jada Ho brought their bunny and I brought their pygmy goat Apollo and my pygmy goat Merlin. The animals were a hit! The crowd didn't expect us to bring animals that were so cute with their decorations. It was really awesome to see how many people were on the curb watching us. Being part of the parade makes me think "I love 4-H! I am so lucky to be in it!"

<http://youtu.be/SJGan-W7suY> This is the link to YouTube for a video of us in the parade. Enjoy!





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### 2013 State 4-H Horse Classic Results for Santa Clara County Riders



I'm really proud of everything these kids accomplished – even those who didn't place this time but came, participated and did their best!!! Our Junior **Horse Bowl** Team are the 1<sup>st</sup> Place State Champions (Alysia Call, Rebecca Call, Grace Dudek, Kayla Wensmann and alternate Lauren McDevitt). Several of the girls also earned Individual Awards (answered the most questions correctly)

1<sup>st</sup> Place - Rebecca Call (El Sereno)

2<sup>nd</sup> Place - Alysia Call (El Sereno)

4<sup>th</sup> Place - Grace Dudek (San Martin)

We had only 1 Member who tried her hand at the **Horse Judging Competition** as an Individual.

2<sup>nd</sup> in Halter Placings - Grace Dudek (San Martin)

9<sup>th</sup> in Performance Placings - Grace Dudek

10<sup>th</sup> in Overall Combined scores - Grace Dudek

Our Hippology Teams were 3<sup>rd</sup> and 4<sup>th</sup> in the Overall Team Placings.

In the **Horse Judging portion of the Hippology** competition, the Top 10 Individual placings for SC County kids were:

2<sup>nd</sup> Place – Rylee Abbott (Adams)

7<sup>th</sup> Place – Grace Dudek (San Martin)

5<sup>th</sup> Place – Rebecca Call (El Sereno)

8<sup>th</sup> Place – Lauren McDevitt (Adams)

6<sup>th</sup> Place – Kayla Wensmann (Coyote Crest)

9<sup>th</sup> Place - Alysia Call (El Sereno)

In the **Stations** portion of the Hippology competition, the Individual Top 10 placings for SC County kids were:

7<sup>th</sup> Place – Kaylin Abbott (Adams)

8<sup>th</sup> Place - Grace Dudek (San Martin)

In the **Slides and Test** portion of the Hippology competition, the Individual Top 10 placings for SC County kids were:

6<sup>th</sup> Place – Grace Dudek (San Martin)

In the **Overall Individual Combined Scores** for the Hippology competition, the Individual Top 10 placings for SC County kids were:

4<sup>th</sup> Place – Grace Dudek (San Martin)

8<sup>th</sup> Place – Rebecca Call (El Sereno)

10<sup>th</sup> Place – Alysia Call (El Sereno)

**Public Speaking** top 10 scores

2<sup>nd</sup> Place – Alysia Call (El Sereno)

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In the Horse Show we also had many Top 10 placings, Reserve Champions and Champions. Most of the Junior Classes had 17 – 22 riders, and the Seniors had 26 – 27 riders, so the competition was stiff. Those Top 10 Placings were:

### ENGLISH SHOWMANSHIP, JUNIOR:

6<sup>th</sup> – Lauren McDevitt (Adams)

10<sup>th</sup> – Kaylyn Abbott (Adams)

### NOVICE:

4<sup>th</sup> – Rylee Abbott (Adams)

### ENGLISH EQUITATION, JUNIOR

10<sup>th</sup> Lauren McDevitt (Adams)

### SENIOR

1<sup>st</sup> Place – Katherine Black (Pacheco Pass)      5<sup>th</sup> - Alex Knode (Coyote Crest)

### NOVICE RIDER

2<sup>nd</sup> – Rylee Abbott (Adams)

### ENGLISH PLEASURE, JUNIOR

6<sup>th</sup> – Lauren McDevitt (Adams)

### SENIOR

10<sup>th</sup> – Alex Knode

### PONY

1<sup>st</sup> – Sophie Hewitt (San Martin)

### ENGLISH EQUITATION MEDAL CLASS, JUNIOR

3<sup>rd</sup> – Lauren McDevitt (Adams)

### SENIOR

2<sup>nd</sup> – Alex Knode (Coyote Crest)

### WESTERN SHOWMANSHIP, JUNIOR

8<sup>th</sup> – Lauren McDevitt (Adams)

### WESTERN EQUITATION, JUNIOR

2<sup>nd</sup> – Grace Dudek (San Martin)

7<sup>th</sup> – Lauren McDevitt (Adams)

8<sup>th</sup> - Cory Carlson (Coyote Crest)

### SENIOR

1<sup>st</sup> – Alex Knode (Coyote Crest)

### WESTERN PLEASURE, JUNIOR

7<sup>th</sup> – Lauren McDevitt (Adams)

10<sup>th</sup> – Grace Dudek (San Martin)

### SENIOR

3<sup>rd</sup> – Alex Knode (Coyote Crest)



### WESTERN HORSEMANSHIP, JUNIOR

4<sup>th</sup> - Lauren McDevitt (Adams)

7<sup>th</sup> – Grace Dudek (San Martin)

10<sup>th</sup> – Cory Carlson (Coyote Crest)

### TRAIL, JUNIOR

2<sup>ND</sup> Lauren McDevitt (Adams)

9<sup>th</sup> – Cory Carlson, (Coyote Crest)

### GYMKHANA: QUADRANGLE STAKE RACE, JUNIOR

5<sup>th</sup> – Lauren McDevitt



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### **Junk Drawer Robotics: An Untapped Treasure of Life Skills**

By Alicia Piva

Coyote Crest 4-H JDR Project Leader  
Santa Clara County JDR Coordinator

How does someone go from literally abhorring anything having to do with Math, Physics, Geometry—you know, the unfathomable realm of the exact sciences—to falling in love with 4-H Junk Drawer Robotics to the point of leading the project? The answer lies in the goal of the 4-H Junk Drawer Robotics track: “to make science, engineering, and technology engaging and meaningful in the lives of young people.” In JDR, not only do youth members learn to “think like scientists, communicate like engineers, and build like technicians,” but they develop critical life skills, while having fun in the process.

An important life skill that youth members develop in JDR is critical thinking by learning how to think out of the box. Based on the experiential learning model, youth members learn to find solutions to a given problem or “constraints” using the engineering design process. The role of the adult facilitator is to keep asking open-ended questions to youth members so they are the ones making the discoveries and finding the answers. This is definitely a shift from the “lecture” model that—for some of us facilitators—takes some time getting used to!

Another important life skill that is nurtured in JDR is making good use of resources. Youth members are given a certain assignment—designing and building a “Marshmallow Catapult,” for example. The JDR project receives a toolbox with a selection of basic hand tools and supplies. The materials to be used, however, are more likely to come from the recycling bin or junk drawer rather than Hobby Engineering. Indeed, this is why this project is called “Junk Drawer Robotics!”

There is also plenty of room for community service volunteering in JDR. During 2012 Mega Field Day, Coyote Crest 4-H JDR members engaged the community at large in the 2012 National Science Experiment by bringing the 4-H EcoBot Challenge to Emma Prusch Farm. In this activity “youth [were challenged to] enhance their engineering skills by learning to think like a robotics engineer, assembling their own robots, also known as Eco-bots, and control surfaces in order to manage an environmental clean-up.”

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Almost seventy boys and girls from the community—ranging from 3 to 12 years old—became so engaged in the activity that our members run out of assembly kits much sooner than anticipated!

All this learning takes place in an atmosphere of fun, fueled by innovation and creativity. Originally, our project was going to have only four meetings of two hours each. At the end of each meeting, youth members simply did not want to go back home. Their enthusiasm was so energizing and contagious, that we decided to add three more meetings!

In conclusion, in Junk Drawer Robotics not only do youth members learn to “think like scientists, communicate like engineers, and build like technicians,” but they develop critical life skills, while having fun in the process. Our county is privileged to have funding to get this project started in other clubs. Moreover, training is also offered for those wishing to lead it. Stay tuned for upcoming training workshops. **Anyone** with a genuine interest in seeing our 4-H youth members benefiting from this program **can facilitate it**.

For more information, visit:

<http://www.ca4h.org/Projects/SET/Tech/JDR/>

<http://www.4-h.org/resource-library/curriculum/4-h-robotics/junk-drawer-robotics/>

<http://www.4-h.org/4-h-national-youth-science-day/>

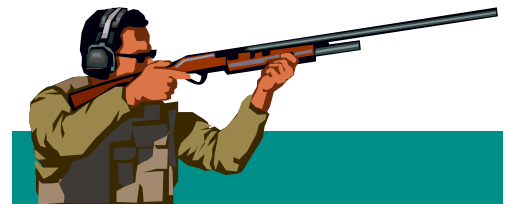
For an unlisted slideshow of Coyote Crest 4-H 2012-2013 JDR Project, visit:

<http://youtu.be/xyVBvGzzZGU>

If interested in starting a Junk Drawer Robotics project in your club, contact Alicia Piva at [xlatus@sbcglobal.net](mailto:xlatus@sbcglobal.net)

## 2013 4-H State Shooting Match Results

Once again, Santa Clara County 4-H members and their parents/leaders participated in the "29th Annual California 4-H Statewide Shooting Sports Match" for 2013.



Overall, our Santa Clara County 4-H members shot spectacularly well:

- Twelve 4-H youth members competed in 19 individual events, earning eleven medals: six gold, two silver and three bronze.
- Seven leader/parents competed in 17 individual events, earning ten medals: two gold, three silver and five bronze. (And Keith Croce qualified as a rifle "ironman" by shooting in six individual events.)

[Individual results](#) for our Santa Clara County 4-H / Coyote Crest Rifle Project members

Congratulations to everyone who participated! Awards --participation ribbons and medals -- usually arrive at the County Extension Office for distribution in September.

Also, a big "thank you" to the Santa Clara Valley Rifle Club for their continued support of our 4-H rifle program.

Thank you again for your participation and congratulations on your excellent marksmanship.



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### **Become a Certified Archery Leader**

If you have an interest in sharing your archery skills with youth, how about becoming a 4-H Archery adult volunteer or teen leader? There will be a 4-H archery leader certification training held February 1<sup>st</sup> & 2<sup>nd</sup> in Corralitos, CA (near Watsonville). The class will be offered Saturday, February 1<sup>st</sup>, 9 AM – 5 PM, and Sunday, February 2<sup>nd</sup>, 9 AM- 12 noon, at the Corralitos Community Center, 33 Browns Valley Road, Corralitos, in Santa Cruz County. This class is being hosted by Santa Cruz County 4-H. You must become a 4-H leader or member and attend both days to receive certification to teach archery at the project, club and camp levels. The course will include a PowerPoint lecture, review of equipment, practice shooting and teaching, and a written test. The cost is \$35 per person to include a resource binder, and Saturday breakfast & lunch and Sunday breakfast.



1913—2013

### **A Revolution of Responsibility**

...for the next 100 years

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Junior and teen leaders are invited but must attend with an adult. If you are already a certified volunteer archery leader and would like to become a trainer, contact Jeanne at 530-524-7278 or email [mtlassenlover@gmail.com](mailto:mtlassenlover@gmail.com) to discuss options.

### **Please join us for 4-H Day at the Raiders**

*Celebrating 100 years of 4-H in California*

**When:** Sunday, November 3<sup>rd</sup> 1:05 pm

**Where:** Oakland Coliseum

**What:** 4-H Day\* at the Oakland Raiders vs Philadelphia Eagles game!

**\$20.00 of each ticket sold will be donated to 4-H**

Please click on this link to download the form <http://4h.ucanr.edu/files/171956.pdf>

The linked form must be used so that California 4-H will get credit for tickets sold

You cannot designate a seat, only a section

You may call the number on the flyer, mail, email or fax information to pay for/reserve tickets

Any questions call Amy McGuire at (530) 754-1523

[almcguire@ucanr.edu](mailto:almcguire@ucanr.edu)

### **Go 4-H Go Raiders!**

\*if 4-H sells 100 or more tickets we will be eligible for an outreach table on the concourse, photo ops and messaging on the Raider's jumbo-tron



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### **Get ready for 4-H Maps & Apps**

4-H National Headquarters and National 4-H Council are pleased to reveal the National Science Experiment for the 2013 *4-H National Youth Science Day*. **4-H Maps & Apps** will introduce youth to the power of geospatial technologies and their unique ability to help us understand and improve our communities.

Developed by Colorado State University Extension, this exciting activity will engage young people in ways to improve our environment with the help of geographic information systems (GIS) and global positioning systems (GPS).

The experiment will test the ability of young people to:

- Use geospatial skills to create the ideal neighborhood park
- Become a community planner by using maps and layers to investigate and solve real-world problems, and
- Contribute data and their community to the U.S. Geological Survey (USGS) [The National Map](#) through *The National Map Corps* project.

### **SAVE THE DATE!**

This annual youth science event will be held on **Wednesday, Oct. 9, 2013**, and will bring 4-H'ers together from all around the nation to complete this single, innovative activity.

**There will be a table on Saturday, October 5, 2013 at SCC Annual Mega Field Day at Emma Prusch Farm Park**

Participation in *4-H National Youth Science Day* is meant to help spark an early passion for STEM education and to encourage young people to consider these paths of study and future careers.

### **Get Your Experiment Guide Books and Kit!**

To download the 2013 National Science Experiment Youth and Facilitator Guides as well as other key resources, visit the *4-H National Youth Science Day* website: [www.4-H.org/NYSD](http://www.4-H.org/NYSD)

The 2013 National Science Experiment kit will be available for pre-sale beginning on Wednesday, June 26th on the 4-H Mall website, [www.4-HMall.org](http://www.4-HMall.org)

### **4-H NYSD Has Great Support**

National 4-H Council would like to thank our generous partners **Lockheed Martin, Toyota, Motorola, John Deere, Donaldson Filtration, Philips** and the **U.S. Geological Survey** for their support of the 2013 *4-H National Youth Science Day* and year-round, 4-H Science initiatives.



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### University of California Cooperative Extension

Santa Clara County

4-H Youth Development Program

1553 Berger Dr. Bldg. 1

San Jose, CA 95112

[http://cesantaclara.ucdavis.edu/Youth\\_Development](http://cesantaclara.ucdavis.edu/Youth_Development)

SCC4H.org

9:00 am to 5:00 pm

Monday thru Friday



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**Deadline for articles is the 15th of each month.**



**All meetings and events are open to EVERYONE! Please come**  
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