The 4-H Green Sheets

University of California Cooperative Extension
Santa Cruz County 4-H Youth Development Program

1432 Freedom Blvd,   Watsonville, CA 95076-2741
4-H Office: (831) 763-8015  Coop. Ext. Office: (831) 763-8040  FAX: (831) 763-8006
4-H E-mail: sfontana@ucdavis.edu  UCCE Website: http://cesantacruz.ucdavis.edu

February 2011

2011 Intel International Science & Engineering Fair
For youth in high school    May 8-13, 2011 in Los Angeles
http://www.societyforscience.org/isef

The Intel International Science and Engineering Fair (Intel ISEF),
the world’s largest international pre-college science competition,
provides an annual forum for more than 1,600 high school students
from nearly 60 countries, regions, and territories to showcase their
independent research.

Affiliated Fairs in California
• Contra Costa County Regional Science Fair, 03/31/2011 - 04/02/2011, http://www.cccsef.org
• Orange County Science and Engineering Fair, 04/02/2011 - 04/06/2011, http://www.ocsef.org/
• Central California Regional Science, Mathematics and Engineering Fair, 03/21/2011 - 03/24/2011,
http://www.fcoe.org/smefair
• Los Angeles County Science and Engineering Fair, 04/14/2011 - 04/16/2011, www.lacoe.edu/sciencefair
• Palos Verdes Peninsula Unified School District Science and Engineering Fair, 03/23/2011 - 03/24/2011,
http://www.pvphs.com
• Synopsys Silicon Valley Science and Technology Championship presented by the Santa Clara Valley
• Santa Cruz Science Fair, 03/11/2011 - 03/12/2011, http://science.santacruz.k12.ca.us
• Monterey County Science and Engineering Fair, 03/25/2011 - 03/27/2011,
http://www.montereycountysciencefair.com

2011 Google Science Fair
http://www.google.com/events/sciencefair/
For youth ages 13-18
Deadline: April 4, 2011

Google has partnered with NASA, CERN, National Geographic, Scientific American, and LEGO to create a to-
tally new kind of STEM competition: a science fair that is more open, inclusive, and global than ever before.
The subject categories are broad and encompass all areas of scientific interest. So whether you teach com-
puter science, chemistry, biology or math, you can encourage your youth to enter.

Mission Statement for the California 4-H Youth Development Program
“The University of California 4-H Youth Development Program engages youth in reaching their fullest potential
while advancing the field of youth development.”
Senior 4-H Member Opportunities:

Awards Program

The Santa Cruz County 4-H Awards Program is now open. Please encourage youth in your project to apply for Bronze, silver, or gold medal interviews.

Bronze medals are completed at the club level by the project leader. Application can be found on page 5 of the Green Sheets or on the web at: http://cesantacruz.ucdavis.edu/files/69008.pdf

Due February 17th to the 4-H office (date extended)

Silver & Gold applicants are interviewed at the county level by experience and knowledgeable past 4-H volunteers, community members or experts in the project’s focus. Please see application page 6 or on the web at: http://cesantacruz.ucdavis.edu/files/69011.pdf

The scholarship program is current open to graduating high school age youth who will be attending college in the near future. Application and requirements can be found on the county 4-H website at: http://cesantacruz.ucdavis.edu/Youth_Development/4-H_Forms_468_536_491_857_960/.

State Leadership Conference

July 28-31, 2011

The 4-H State Leadership Conference brings together high school youth from across California in a four-day leadership training, networking, and learning experience. The conference provides advanced leadership training and is an opportunity for 4-H members to network and share ideas with other 4-Hers from across the state.

State Leadership Support Group - Due to quite a few requests we are opening up applications again for the State Leadership Support Group. The 4-H State Leadership Conference is organized by a small group of dedicated State Ambassadors, volunteers, and staff. The Support Group is a group of teen leaders who will assist in the planning of SLC by working with counties, communicating with Sectional groups, and attending SLC planning activities. During the conference, the Support Group acts as:

- Group Facilitators
- Delegation Hosts
- Logistical Support
- State Ambassador Assistants
- Other duties as assigned

To learn more about the Support group and to apply, please download application at http://www.ca4h.org/files/43609.doc

Applications are due by February 25, 2011 to the State 4-H Office.
**Member Opportunities:**

### Presentation Day

**County Presentation Day**  
March 26th, 2011  
Stake Center (LDS Church of Santa Cruz)  
220 Elk Street, Santa Cruz  
Applications due to 4-H office by March 10th  
**Registration form on page 4**

**Section Presentation Day**  
April 9th, 2011  
Anzar High School  
Hosted by San Benito County 4-H  
Please come, watch and support the tri-county area 4-H'er's, who will be presenting their county gold medal presentations.

*Only county gold medal winners may present at Section.*

**Special Recognition at the 2011 State 4-H Presentation Day**  
May 28, 2011  
http://www.ca4h.org/Programs/Events/SFD/PD/Recognition_Opportunities/  
A special recognition pin will be awarded for youth who participate in State Presentation Day and focus their presentations on science, engineering and technology! This year’s focus is on the natural properties and the human interactions with water. Potential topics include water quality, conservation, water cycle, effects on plants and organisms, water in cultural contexts, human impacts on water, phases and/or properties of water, storage and transportation.

### State Activities

**Fashion $cents, the 2011 Challenge category will be the $15 Challenge.**

Members are challenged to coordinate and purchase an entire outfit for $15 or less, not counting shoes. Additional categories for 2011 will be Traditional, Consumer Science-Purchased, Recycled, and Wearable Art-Embellished. In CS-Purchased, the limit has been reduced to $100 for everything showing. The Recycled rules have been rewritten to differentiate between recycling an old garment into a new one and alterations. In WA-Embellished, the rules clarify that the original garment must be purchased. The SFR committee welcomes your participation in planning and presenting this state event. To join the committee, contact Karli Draxler, Youth Chair, at chat2kd@unwiredbb.com. For event information, the Challenge flyer, and 2010 photos, see the SFR website at http://www.ca4h.org/Programs/Events/SFR/.

The committee is looking for historic photos and stories about 4-H Dress Revue and SFR when it was part of State Leadership Conference. If you have any to share, please contact Sue Moore at samoore@ucdavis.edu.

**California 4-H Photography Contest & Film Festival at the 2011 State 4-H Field Day**

http://www.ca4h.org/Programs/Events/SFD/  
Start thinking now about the photography contest and film festival being planned for the 2011 State 4-H Field Day May 28, 2011 at UC Davis. The California 4-H Technology Leadership Team will release the themes for both events January 2011. Both are open to all 4-H members (age 9 through 19). For more information, please contact: Photography Contest, John Trammell at techdude4h@gmail.com and Film Festival, Ashlyn Aiu at singthislouder@gmail.com.
Santa Cruz County 4-H Presentation Day
Saturday, March 26th, 2011 – Stake Center (LDS Church of Santa Cruz)
220 Elk Street, Santa Cruz

Registration Form

Club: ______________________________________________________________________________________

Name: ____________________________ Age: __________________ Yrs in project: ______

Address: __________________________ City: __________________ Zip: __________________

Phone: (____) ____________________ E-mail: ____________________________________________

**************************************************************************************************

Category: ____ Primary (5-8 years old) ____ Junior (Grades 4-5)
____ Intermediate (Grades 6-8) ____ Senior (Grades 9-12)

**************************************************************************************************

Type of Presentation:

Demonstrations (Team/Individual presentation. Demonstrations use the "show how" method to teach a skill.)

Illustrated Talks (Team/Individual presentation. Illustrated Talks use models or other visual aids to teach something.)

Scientific Demonstration and Illustrated Talks (Team/Individual presentation. Uses scientific steps to solve problems. School assignments or science fair projects are not appropriate for this category.)

Educational Display (Team/Individual presentation. An organized visual presentation of a program or a concept. This category is not a science fair project, collection or project exhibit.)

Prepared Speech (Individual presentation. Purpose is to persuade, inform or educate the audience on a single topic or issue. Notes may be used if they do not detract from the speech.)

Impromptu Speech (Individual presentation. Pre-announced topics are randomly drawn and the member has 3 minutes to develop a 5 minute maximum speech.)

Interpretive Reading (Individual presentation. Any published written work that is appropriate may be used. No costumes are allowed. Time limit is 5 minutes. Political and religious material is not appropriate.)

Cultural Arts (Individual or Group performance of dance, costumed dramatic reading, musical, dance or other performing arts.)

Share the Fun (Members may compete in this category in addition to one of the above. This is a group skit or presentation that focuses on health, safety, community pride, recreation, citizenship or other 4-H project or activity. Time limit is 15 minutes.) Skit is not to exceed 8 people (per South Section Guidelines).

Audio-Visual Presentations (Team/Individual presentation. Any informational or instructional programs presented with slides, video, or digital representations. This can be a team of 2 or done as an individual. Presenters must provide all of their own equipment. Time 5-10 minutes.)

Problem Solving Presentations (Uses a prepared fact pattern as the basis for developing an action plan. Can be one or two people. Time 5-10 minutes.)

**************************************************************************************************

Presentation Title: ___________________________________________________________________________

If a team or group presentation, list others, attach list if necessary:

Name(s): ____________________________________________________________________________________

Does your presentation need to be done outside? ____ Yes ____ No

Are you presenting more than one presentation? ____ Yes ____ No

Will you be using audio/visual i.e. computer, slides, projector, other? ____ Yes ____ No

If yes, please list: __________________________________________________________________________

Please identify any special needs or circumstances that may impact the delivery of your presentation:

__________________________________________________________________________________________

*This event is a potluck. We encourage every family to participate in this fun community gathering. Please prepare a dish for 8—10 people. What dish will you bring? __________________________ Questions about the potluck can be answered by Brittany Newton, 227-3333, from the Santa Cruz County leadership team.

Return this form to the 4-H Office, 1432 Freedom Blvd., Watsonville, CA 95076 Fax: (831) 763-8006
Due to 4-H Office by March 10th, 2011
Forms must be received by this date. NO POSTMARKS. Forms can be emailed to the 4-H office at: sfontana@ucdavis.edu
Bronze Medal Application

Name: ____________________________________________ Age: ________________

Address: _________________________________________ Birth Date: ____________

______________________________________________ Years in 4-H: ____________

Phone: ___________________ Email: ___________________ 4-H Club: ____________

<table>
<thead>
<tr>
<th>Project Area</th>
<th>Years in this Project</th>
<th>Judge’s Signature</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Applicant’s Signature: ____________________________________________ Date: _______

Parent/Guardian’s Signature: ________________________________________ Date: _______

Community Club Leader’s Signature: ____________________________ Date: _______

*Form needs to be turned into the UCCE/4-H Office by Community Club Leader*

*Eligibility Requirements*

✓ Three years in a project, and has completed project materials or
✓ Thirteen years or older as of January 1st of the program year.
✓ Member should show growth in their project. This should be measured in part in relationship to
  1) member’s ability, 2) adult support, 3) size or increase in the project over time.

*Approved Areas:*

Citizenship  Healthy Life Styles  Science, Engineering & Technology
Award Interview Application

Name: _______________________________  Age: ____________

Address: _______________________________  Birth Date: ____________

______________________________________  Years in 4-H: ____________

Phone: _______________  Email: ___________________________  4-H Club: _______________

<table>
<thead>
<tr>
<th>Project Area</th>
<th>Years in this project</th>
<th>Medal you have now</th>
<th>Award applying for Silver or Gold</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Applicant’s Signature: _______________________________  Date: ____________

Parent/Guardian’s Signature: _______________________________  Date: ____________

Community Club Leader’s Signature: _______________________________  Date: ____________

Eligibility Requirements:

Silver Medal
✓ Five years in the project or
✓ Fourteen years or older as of January 1st, and has completed a minimum of two years in the project.
✓ Has knowledge well beyond the regular project materials. Members may have specialized in one aspect of the project.

Gold Medal
✓ Six years in the project or
✓ Sixteen years or older as of January 1st, and has completed a minimum of three years in the project.
✓ Member has knowledge well beyond the project material and has developed the project to a commercial undertaking, an avocation or lifetime hobby, or has skills beyond the competency of the average adult.

Due to 4-H office by February 4th, 2011
A little background, first...

In recent years, there has been a growing movement to get youth outdoors to explore the natural world. Youth have an inherent curiosity about natural objects such as trees and pond organisms. This interest can be the focus for an extended exploration of natural phenomena and act as an experiential foundation for developing life science concepts as well as a life-long appreciation of the outdoor environment.

As part of the Exploring Trees and Ponds project, funded by the National Science Foundation, EDC has recently launched a website that provides a program of activities for exploring these two phenomena. This site outlines an extended, structured exploration of trees and pond and provides detailed directions for carrying out the activities. A special feature of this project is the use of digital cameras; youth use this technology to capture artistic moments and carry out scientific inquiry.

YOU ARE INVITED TO A WORKSHOP...

The Exploring Trees and Ponds workshop—led by Bernie Zubrowski, senior research scientist at Education Development Center, Inc., Newton, Mass., and lead project developer—will introduce you to the Exploring Trees and Ponds project and website, and help you use them with the youth who participate in your out-of-school program. The workshop will include hands-on activities and discussions on ways of using digital cameras for conducting inquiry. Please join us!

DATE: Tuesday March 8, 2011, Registration Due March 2

TIME: 10:00am – 3:00pm

LOCATION: University of California Cooperative Extension – Santa Cruz County, 1432 Freedom Blvd, Watsonville 95076

CONTACT: Lynn Schmitt-McQuitty – lschmittmcquitty@ucdavis.edu 831-763-8026


Free workshop - Lunch and refreshments provided

http://treesandponds.edc.org

Education Development Center, Inc. | 55 Chapel Street, Newton, MA 02458
# February 2011

<table>
<thead>
<tr>
<th>Sun</th>
<th>Mon</th>
<th>Tue</th>
<th>Wed</th>
<th>Thu</th>
<th>Fri</th>
<th>Sat</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4 Medal Apps Due to 4-H Office</td>
<td>5</td>
</tr>
<tr>
<td>6</td>
<td>7</td>
<td>8</td>
<td>9</td>
<td>10</td>
<td>11</td>
<td>12</td>
</tr>
<tr>
<td>13</td>
<td>14</td>
<td>15</td>
<td>16</td>
<td>17 By-Law Committee 7pm Aptos Grange</td>
<td>18</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>21 President’s Day – Office Closed</td>
<td>22</td>
<td>23</td>
<td>24</td>
<td>25</td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>28</td>
<td>Snow Camp 18-21</td>
<td>29</td>
<td>30</td>
<td>31</td>
<td></td>
</tr>
</tbody>
</table>

## Upcoming 4-H Events & Deadlines

**March 2011**
- **17 County Council Meeting**, Newsletter Articles due to 4-H Office, Club Level Bronze Medal Apps due to 4-H Office
- 20 Medal/Scholarship/All Star Interviews
- 26 County Presentation Day
- 31 Sectional Presentation Day info due 4-H Office

**April 2011**
- 9 Sub-Section Presentation Day – San Benito County Hosting
- **21 County Council Meeting**
- 21 Newsletter articles due
- **30 4-H Spring Fair & Horse Show**

---

### 4-H Youth Development Staff

- **Lynn Schmitt-McQuitty**: Youth Development Advisor
  - lschmittmcquitty@ucdavis.edu
- **Stephanie Fontana**: 4-H Program Representative
  - sfontana@ucdavis.edu

**Hours:**
- Wednesday: 8am-12pm, 1pm-5pm
- Thursday: 8am-12pm, 1pm-5pm

*Please call the office prior to your visit to check schedule changes that may occur*

---

### 4-H Council Officers

- **President**: Jennifer Pacella
- **Vice President**: Stephanie Hedgpeth-Lopes
- **Secretary**: Joan Wildman
- **Treasurer**: Randy Turnquist

The Green Sheets is the newsletter of the University of California Cooperative Extension Santa Cruz County 4-H Youth Development Program.

**Deadline for newsletter articles:**
- **Third Thursday of every month to the 4-H Office**

---

The University of California prohibits discrimination or harassment of any person on the basis of race, color, national origin, religion, sex, gender identity, pregnancy (including childbirth, and medical conditions related to pregnancy or childbirth), physical or mental disability, medical condition (cancer-related or genetic characteristics), ancestry, marital status, age, sexual orientation, citizenship, or service in the uniformed services (as defined by the Uniformed Services Employment and Reemployment Rights Act of 1994: service in the uniformed services includes membership, application for membership, performance of service, application for service, or obligation for service in the uniformed services) in any of its programs or activities. University policy also prohibits reprisal or retaliation against any person in any of its programs or activities for making a complaint of discrimination or sexual harassment or for using or participating in the investigation or resolution process of any such complaint. University policy is intended to be consistent with the provisions of applicable State and Federal laws. Inquiries regarding the University’s nondiscrimination policies may be directed to the Affirmative Action/Equal Opportunity Director, University of California, Agriculture and Natural Resources, 1111 Franklin Street, 6th Floor, Oakland, CA 94607, (510) 987-0096.