

University of California Cooperative Extension

Santa Cruz County 4-H Youth Development Program



The 4-H Green Sheets

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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>
- Tri-Valley Science and Engineering Fair, 03/22/2011 - 03/25/2011, <http://tvsef.llnl.gov>
- 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>
- Sacramento Regional Science and Engineering Fair, 03/18/2011 - 03/19/2011, <http://www.srsefair.org>
- Greater San Diego Science and Engineering Fair, 03/22/2011 - 03/27/2011, <http://www.GSDSEF.org>
- Synopsys Silicon Valley Science and Technology Championship presented by the Santa Clara Valley Science and Engineering Fair Association, 03/08/2011 - 04/03/2011, <http://www.science-fair.org>
- 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 totally 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 computer 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/

The All Star Leadership team application is open and accepting application for the 2011-2012 4-H Year. The 4-H All-Star Ambassador program feature the 'best of the best' of our county's leadership team. All-Stars work with the leadership team of Santa Cruz County to coordinate the County's many 4-H events, MC 4-H events, tech at LCORT and attend State Leadership Conference. Application and requirements can be found online at <http://cesantacruz.ucdavis.edu/files/69007.pdf>



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-Her's, who will be presenting their county gold

medal presentations.

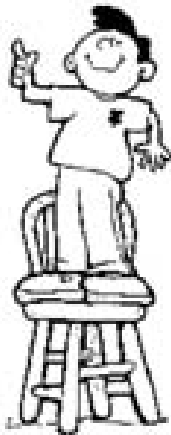
*Only county gold medal winners may present at Section.

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

Event on May 28, 2011. Registration due by May 6, 2011.

<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 tech-dude4h@gmail.com and Film Festival, Ashlyn Aiu at singthislouder@gmail.com.

SANTA CRUZ COUNTY INFORMATION AND FORMS

Bronze Medal Application

Name: _____

Age: _____

Address: _____

Birth Date: _____

Years in 4-H: _____

Phone: _____

Email: _____

4-H Club: _____

Project Area	Years in this Project	Judge's Signature	Date

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: _____

Project Area	Years in this project	Medal you have now	Award applying for <i>Silver or Gold</i>

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



Exploring Trees and Ponds

Informal Life Science Activities for Youth

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 both capture artistic moments and carry out scientific inquiry.



EDC

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

REGISTER:

<http://ucce.ucdavis.edu/survey/survey.cfm?surveynumber=6027>

Free workshop - Lunch and refreshments provided

<http://treesandponds.edc.org>

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

