



COLUSA COUNTY 4-H NEWS



MONTHLY CLUB MEETINGS:

- Arbuckle 4-H – 2nd Monday, 7:00pm, Arbuckle Elementary
- Colusa 4-H – 2nd Monday, 7:00pm, St. Bernadette’s Hall, 745 Ware Ave, Colusa
- Maxwell 4-H – 1st Wednesday, 6:30pm, Maxwell Elementary multipurpose room
- Princeton 4-H – 2nd Monday, 6:30pm, Princeton High School multipurpose room
- Stonyford 4-H – 2nd Saturday, 1:00pm, Town Hall
- Williams 4-H – 3rd Tuesday, 6:30pm, Williams Elementary Multipurpose Room
- 4-H Council – 3rd Wednesday of every other month, 6:30pm, CIP room (begins Sept)

CALENDAR:

OCTOBER 2011

- 2 Countywide Achievement Night, 3:00pm, Fairgrounds, see article
- 2-8 National 4-H Week
- 4 New Leader Orientation Meeting, 6:30-8:00pm, CIP Conference Room, rsvp recommended
- 5 4-H National Youth Science Day
- 5 Maxwell Club Meeting, 6:30pm, Maxwell Elementary Multipurpose Room
- 8 Stonyford Club Meeting, 1:00pm, Town Hall
- 9 Glenn County Fair 4-H Horse Show, Sign-ups begin at 8:00am, Glenn Co Fairgrounds
- 10 Arbuckle Club Meeting, 7:00pm, Arbuckle Elementary
- 10 Colusa Club Meeting, 7:00pm, St. Bernadette’s Hall
- 10 Princeton Club Meeting, 6:30pm, Princeton High School Multipurpose Room
- 12 Home Ec Leaders meeting, 5:30pm, CIP Conference Room
- 15 Application is due for The Revolution of Responsibility
- 18 Williams Club Meeting, 6:30pm, Williams Elementary Multipurpose Room
- 28 Build-A-Bear Workshops grant applications due

NOVEMBER 2011

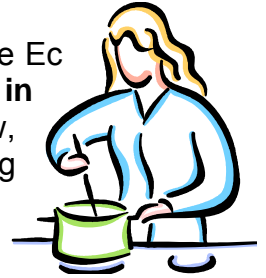
- 1 DEADLINE: Last day to enroll in 4-H
- 1 Emerald Star Proposal due to 4-H Office
- 5 Craft Expo, 9:00 am – 3:00 pm, Festival Hall
- 5 Make it with Wool, Hollister
- 11 Veteran’s Day Holiday – Cooperative Extension closed
- 11-13 State Leaders’ Forum, Asilomar
- 14 Final New Leader Orientation Meeting, 6:30-8:00pm, CIP Conference Room
- 24-25 Thanksgiving Holiday – Cooperative Extension closed

URGENT!! CASH FAIR CHECKS

The Fair office reports there are still checks awarded in June that have not been cashed. Take care of this matter immediately so the books can be closed and business can proceed. Thank you.

HOME EC COMMITTEE MEETING

Wednesday, October 12, at 5:30 p.m. in the CIP Conference Room the annual Home Ec Committee will be held. **This meeting is for all Jr/Teen Leaders and adult leaders in non-livestock projects.** On the agenda is: Organizing the Home Ec Review, reviewing Home Ec Judging displays, finalizing plans for the Crafts Expo, Reviewing the Fair and creating a list of judges to recommend for Atwood Hall at the Fair. Additional agenda items must be submitted by Tuesday, October 11.



NATIONAL 4-H WEEK

Colusa County 4-H Council is sponsoring awards for window displays done by each club. Notify the 4-H Office of your club's/project's display location in order to be judged.

October 2-8, 2011 - is a great time to promote 4-H in your community and encourage others to [Join the Revolution of Responsibility!](#)

You can find promotional material in the [2011 National 4-H Week toolkit](#) on 4-H.org. Use these materials to celebrate 4-H'ers by sharing their stories and recognizing their commitment to making positive impact in their communities. This year the focus for [National 4-H Week](#) is on the new brand campaign *Join the Revolution of Responsibility*.

The Revolution of Responsibility is a movement for positive change in every community in America. The campaign illustrates how 4-H youth are breaking through obstacles and pushing our country forward by making a measurable difference right where they live.

4-H Week provides an opportunity to celebrate the impact 4-H'ers make and draw more attention to 4-H in your community. During 4-H Week, encourage new youth, volunteers, and supporters to get involved with 4-H and to *Join the Revolution of Responsibility* by giving their time, energy, or dollars to help 4-H youth [make positive change in your community](#). See the state 4-H news about how your club can get \$1,000 for your efforts.

An important and exciting aspect of 4-H Week is [4-H National Youth Science Day](#), on Wednesday, October 5, in which local 4-H'ers and members of the community can become scientists for the day. Showcase your 4-H science programs, and join thousands of youth from all around the nation to complete a single, innovative experiment. Learn more at www.4-H.org/NYSD.

There's so much to be excited about during this year's National 4-H Week! Use [these materials](#) now to plan ahead, share or inspire Revolution of Responsibility stories, engage in the National Science Experiment, and spark enthusiasm about 4-H. Questions? Contact 4hmarketing@4-H.org.

COUNTYWIDE ACHIEVEMENT NIGHT

Countywide Achievement Night, 3:00 p.m., on Sunday October 2, 2011 at the Colusa County Fairgrounds under the trees in the former beer garden area. All members and leaders are invited to receive their 2010-11 pins and awards. Come enjoy an ice cream social sponsored by Colusa County 4-H Council. There will be door prizes sponsored by each club! Bring your own chair. This will take the place of local Club Achievement Nights.

CRAFT EXPO

The Colusa County arts & craft leaders along with the 4-H Council will once again be sponsoring the “Make It and Take It” Craft Expo. The Craft Expo is scheduled for Saturday Nov. 5, 2011, starting at 9:00 am and continuing until 3:00 pm. That’s six hours, enough hours to count as a completed project. The craft expo will be held at The Colusa County Fairgrounds, Festival Hall. This is a one day event where you can complete many projects at cost. Projects range from \$.50 to \$10.00. You will find projects for all age groups. This event is open to the public, so invite your friends and relatives to join you in a fun day of craft making. Some projects include spin art T-shirts, scrapbook cards and frames, candles, Christmas ornaments and decorations, magnets and jewelry.



4-H sign-ups are just around the corner. Don’t be afraid to be an arts & craft leader. Just send your members to the Craft Expo. Remember, six hours is all they need for a completed project and the Craft Expo just happens to be six hours.

If interested in helping or donating craft items please call the Colusa County 4-H office at 458-0570 or Dawn Brown at 438-2396. Any and all help greatly appreciated.

NEW LEADER ORIENTATION DATES:

- Tuesday, October 4th at 6:30-8pm
- Monday, November 14th at 6:30-8pm

These are the dates for the remaining new leader orientations. The meetings will be held in the CIP Conference Room. New leaders need attend only one of these orientations, have fingerprint clearance, complete enrollment and pay \$6.00 in order to be a 4-H volunteer.

NORTH SECTION 4-H YOUTH COUNCIL TECH TEAM

The North Section 4-H Leaders’ Council is developing a Tech Team comprised of members in the North Section. Intermediate and senior 4-H members will be the age group comprising this project with the guidance from adult leaders. The Tech Team will use computer and telecommunication equipment to provide enhanced access to the North Section 4-H Leaders’ Council meetings and events. For more information contact Matthew Portillo at mportillo@ucdavis.edu or 538-7201.

Youth Opportunities – This group of youth will have many opportunities to learn how to become the leaders of tomorrow, and the chance to participate in improving 4-H programs; and promote 4-H to the public that may not be familiar with the 4-H Youth Development Program.

How To Join – To participate, interested individuals will need to submit the North Section 4-H Tech Team Application. Look for the brochure and application on the North Section 4-H Leaders’ Council website or request to receive one via mail.

The goal is to have a least one North Section youth and adult member from each county participate in the North Section 4-H Tech Team; be an active Tech Team member, and have other 4-H adult leaders willing to provide assistance to Tech Team Members with projects or events in the North Section.

VOLUNTEER LEADER WEBSITE

The volunteer leader website is a new interactive and growing site that can be seen at <http://ucanr.org/4-hvolunteers/>. There are sections that will change monthly, a 4-H Blog, 4-H Volunteer Voices, and updates in the program. We hope you'll enjoy seeing all the resources you need in one centralized location. In order to build this new section of the website, please send any recent stories of 4-H in the news in your community that you would like to share. You can email these stories to: fourhstateofc@ucdavis.edu.

STATE LEADERS' FORUM

- WHAT:** California State 4-H Leader's Forum
- GREAT Speakers: Andrew Bosworth: former 4-H Diamond Star and Director of Engineering at facebook.
 - Carolee Hazard: community activist best known for her \$93 dollar club. She has raised thousands of dollars for charity through facebook.
 - Ralph Flynn: Silicon Valley businessman and motivational speaker who believes we can do anything, and you will believe it, too.
 - Workshops Galore: Communication workshops, beginning 4-H workshops, GPS and Technology workshops, Crafts, more, more, more!
 - The only conference for Volunteer leaders, put on by Volunteer leaders
 - Trainings, workshops, networking, fun!
 - Specific workshops in: Communications, webcasting, leadership, and much more
 - Community service, recreation, and surprises!
- WHEN:** November 11, 12, 13, 2011
- WHERE:** Asilomar, California (near Monterey)
- WHO:** All adult volunteers are welcome
-many county councils sponsor 1st time attendees-- check with yours!
-bring a friend
- HOW:** Applications are on the California State Website
- download the registration form at <http://www.ca4h.org/Programs/Conferences/SLF/>
- send it with a check to the address listed
- contact Asilomar directly to reserve your room. (Let the conference grounds know you are part of SLF, and who you may want for a roommate, and they will happily take care of you!)
- THEME:** The Magic of 4-H: Transformation – come and be transformed into an even better leader!
- DON'T FORGET:**
- The Silent auction! Sign up to bring something fabulous
 - The Showcase: Have a special project, idea, or new field day that your county has done? Sign up first, then create a display for Merrill Hall.
 - The Beach!



2011 GLENN COUNTY 4-H HORSE SHOW



This event will be Sunday, October 9, 2011 at the Glenn County Fairground Horse Arena. Sign-ups begin at 8:00am with the show starting at 8:30am. 4-H classes open to any Northern California 4-H Horse Project Member. Entry fee is \$45 per day or \$4.99 per class. If you have questions, call the Glenn Co. 4-H Office at 865-1107 or Ginger Holzapfel at 934-5228.

EMERALD STAR

It's time to start planning Emerald Star projects. The Emerald Star is an optional award between Gold and All Stars. The member obtains a Personal Development Report (PDR) form from the 4-H Office. In order to achieve the Emerald Star the member does a community service project in addition to performing PDR requirements from the Emerald Star column. Note: the PDR form from the state 4-H site does not work for this star award. Emerald Star Project Plans are due in the 4-H Office on November 1st.

CARING FOR OUR WATERSHEDS CONTEST

By joining the *Caring for our Watersheds* program you take a stand for the environment. You join students from all over the world who want their voice to be heard. We all need to work together to ensure our watersheds are healthy.

- Answer the question: What can you do to improve your watershed? (Independently or as a team of no more than four). Identify an environmental concern that impacts your watershed.
- Come up with a realistic solution to address the concern.
- Research your idea and explain it in an approx. 1,000 work proposal (include visuals). Be creative!
- Proposal guidelines can be found at www.CaringForOurWatersheds.com
- Entries are judged on innovation, environmental impact, comprehensive scope, communication, budget, realistic solution and visuals.

You can win rewards for yourself and your school!

Contest entry deadline: February 2012 TBA

If you have any questions, please contact your local Program Coordinator: Beth Del Real, (530) 795-1544 or E-mail: beth@landbasedlearning.org.

4-H ONLINE DONATING NOW AVAILABLE

Online donations can now be designated to counties or programs and paid with a credit card. Please check out the new California 4-H website (www.ca4h.org). On every page you will notice a large blue —Donate Now- button which will direct donors to the Foundation donation web page. Online donations can be designated to go to specific counties or to specific programs and may be paid by credit card. 100% of the amount pledged goes directly to the program or county designated. Donors also have the option of making recurring pledges and unrestricted donations to be used where the need is greatest.

MAKE IT WITH WOOL

The CA Make It With Wool Competition Date is November 5, in Hollister, San Benito County. This is a sewing competition to promote the beauty and versatility of wool fabrics and yarns. State winners go to the National MIWW Competition in Scottsdale AZ. Anyone can enter. For more information and entry forms contact Robin Sando at robin@sandofamily.com.

NEW ONLINE RECORD BOOK

Highlights of the 4-H Online Record Book (ORB)

- Uses 21st century learning technology to help youth learn recording keeping within a social media learning community.
- Provides opportunities for volunteers to mentor youth on a daily basis in a protected social networking site. *Only enrolled 4-H members and volunteers have access to ORB.*
- Ability to export forms and print to include in Record Book reviews and competitions. *4-H members can fill in forms in ORB and then print the forms at the end of the year for county judging!*
- Built-in reporting systems that will improve staff and volunteer efficiencies. *For example, the system will calculate total number of community service hours!*
- Intentional, standardized measures of success that will demonstrate the impact that 4-H youth and adults make locally and statewide. *The system collects indicators of youth thriving through "sparkle" surveys. County staff will be able to access this data upon request!*
- System is secure. *To learn more about security protocols of ORB, please visit <http://www.ca4h.org/files/121078.pdf>*

Log In Today!

Visit the system at <http://www.ca4h.org/orb/>

Information You Should Know About ORB in relation to 4-H Members and Volunteers

Only those enrolled in the 4hOnline enrollment system have access to log into ORB. Those that are 'pending' may access ORB, but are prevented from the social connection and will only see their own information. Those that are 'active' have access to the full social sharing feature.

- Every youth and adult entered in 4hOnline in a Community Club will receive a Welcome Email from ORB with instructions on accessing ORB.
- Parent consent and youth assent are collected to determine whether parents and/or youth will allow their information to be used for research (to help improve the 4-H program and field of youth development). Parental consent is collected primarily in 4hOnline (though sometimes in ORB) and youth assent is collected when the young person logs into ORB for the first time.
- The social sharing feature only shows information for members/volunteers in the same club, the county admin, and state admin. For example, Laura and Johnny, who are in different 4-H Clubs, will not be able to view each other's information.
- Members (and parents of members) and volunteers may elect to turn off their own social sharing feature.
- All users must agree to the community expectations (ground rules) before being allowed to use the system.
- The Record Book support group continues to be quite active. Anyone may access archives or join the group at <http://groups.yahoo.com/group/ca4hrb/> (note: posts are moderated)

Club and Project Leader Access

Community 4-H Club Leaders and Project Leaders have the ability to approve reports; for example, Club Leaders approve the PDR while Project Leaders approve JTLDR and APR's. To designate Club and Project Leaders in ORB:

- Project Leaders - Designated in 4hOnline when the volunteer is marked as a "Project Leader" or "Assistant Project Leader"
- Club Leaders - Designated in 4hOnline in two steps: 1) marking as a "Primary Community Leader", "Assistant Community Leader", "Co-Community Leader", "Online Record Book Coordinator"; AND 2) In the specific club, on the 4hOnline county's Club Information page, have "Allow Login" marked/checked.

Resources and Information

The primary website for all things 4-H Record Book is available at <http://www.ca4h.org/Resources/Members/RecordBook/>
On this site, you will find:

- Information on logging in (<http://www.ca4h.org/files/121045.pdf>).
- Archived webinar presentations to volunteers and members.
- Paper hardcopy forms.

NEW ONLINE RECORD BOOK CONTINUED...

ORB Support

ORB is fairly intuitive with a friendly interface. For 4-H member and volunteers needing support, we hope support will be provided by the County 4-H Office and/or a committee of adults and youth (County 4-H ORB Team!). A complete ORB User Manual will be released within the next few weeks.

Hardcopy Forms

For those in geographic areas with limited Internet connectivity, the hardcopy paper Record Book forms are still available. The 4-H Record Book Manual has been updated which includes minor modifications to the Personal Development Report (PDR), Annual Project Report (APR), and the Junior and Teen Leadership Development Report (JTLDR). You can find the new forms at <http://www.ca4h.org/Resources/Members/RecordBook/>. The major revisions include:

- Asking for the number of hours for all activities in the PDR and APR. Instructions about hours are outlined on page 8 of the manual.
- Modifications to the prompts on the JTLDR.
- Revisions to the opening text; for example, including language about 4-H Thrive.

HELP NEEDED FOR SAN FRANCISCO FARM DAY

The California Foundation for Agriculture in the Classroom is looking for volunteer support for San Francisco Farm Day on Oct. 20, 2011. This event will include school garden demonstrations, among many others and allow approximately 10,000 students to participate in agriculture based activities in new ways. If you would like to help with this event, you can fill out the [online form](#) to be contacted with more information.

PRINCETON CLUB 2011-12 OFFICERS

President: Jacob Chrestensen

Vice President: Hernan Rodriguez

Secretary: Amanda Britt

Treasurer: Amanda Britt

OCTOBER BIRTHDAYS

• ADAM CUTTER • ALYSSA RIOS • AUDREY PERDUE • AUSTIN ALVERNAZ • BRANDON CARLSEN • CAITLYN VACA • CIERA GREEN • CODY PEARSON • DEVIN LEE • JULES KING • KASSIDY TALBOT • KAYLA BERNARD • LANE WORLEY • LUKE VOORHEES • MAUREEN LAGRANDE • NILAH PEARSON • OSCAR COLSA-VALENCIA • RYLEE CODER • SAMANTHA MURPHY • SARAH MARSH • SAUL CARRILLO • TARRA EDWARDS • THERESA LAGRANDE • SOPHIA PEARSON • TRENTON HENDRIX •

MAXWELL CLUB REPORT

Submitted by: Wyatt Perry

Maxwell 4-H has officially started another year. We held a sign-up meeting on August 23rd in the computer lab at Maxwell Elementary. All members were asked to come and sign up on the computer, fill out paperwork and pay their dues.

Then on September 7th we had a regular club meeting, where we got a committee together to work on the window display for National 4-H week, a phone tree committee was formed, chairmen were chosen for community service of picking up trash after all the home Maxwell football games, and we also wrote on postcards to be sent to soldiers for Christmas.

Countywide Achievement Night was talked about and Cheri Azevedo volunteered to pick up the prizes that will be donated by our club.

Our next meeting is scheduled for Wednesday, October 5th at 6:30pm.

PRESIDENTS CHALLENGE

Submitted by: Cody Pearson

Over the summer, I joined the National 4-H in the Presidents Challenge. The Presidents Challenge is for one million Americans to complete the Presidential Active Lifestyle Award by exercising for one hour a day. My goal was to exercise or play for one hour a day, five days a week, for six weeks. I had a lot of fun and was surprised at how many things I like to do that count as exercise. Some of my favorite things to do were swimming, going for walks and shooting my bow. On days that were very hot I played on the Wii Fit, and that counted too. At the end of the six weeks I was given the Presidential Active Lifestyle Award. It is a very cool award that was signed by football player Drew Brees and Gymnast Dominique Dawes. I had a great time and recommend doing this.

MAXWELL SIGN UPS

Submitted by: Hannah Azevedo

On August 23rd, 2011, parents, grandparents, returning 4-H members and new members met in the computer lab at Maxwell Elementary. We signed up for classes of our choice, filled out paperwork and paid our membership dues.

It is nice to see so many people signing up for 4-H this year. I am excited the 2011-2012 4-H year has started. For attending this day I was credited for a monthly meeting. I hope everyone has a good year!

FROM THE 4-H SCIENCE, ENGINEERING & TECHNOLOGY E-NEWS:

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

2011 4-H National Youth Science Day

During the month of October

The fourth annual *4-H National Youth Science Day* (NYSD) will be held nationally on Wednesday, October 5, 2011. Created to combat a shortage of American young people pursuing science college majors and careers, *4-H National Youth Science Day* seeks to spark early interest and leadership in science.

2011 Experiment: *Wired for Wind*

In this year's experiment youth will enhance their engineering skills by designing, building, and testing two different wind turbine models. This year's National Science Experiment will also help youth relate their scientific experiences back to their own lives by determining the best location for a wind farm in their state or local area by calculating wind power and studying wind data and maps. More information and downloadable versions of the youth and facilitator's guides are available at <http://www.4-h.org/4-h-national-youth-science-day/>.



Come Join the Revolution of Responsibility!

2013 marks the centennial for 4-H in California and the 4-H YDP will celebrate by giving back to their communities with youth-designed, youth-led projects where participants learn leadership by actually leading, collaboration by forming relationships with other groups and agencies, and citizenship skills by actively seeking opportunities to make a difference in their communities. The Revolution of Responsibility will celebrate the power of youth taking action and will consolidate all the various funding programs that are provided by the State 4-H Office. Chartered 4-H clubs/units can apply for funding (up to \$1,000) to support service-learning projects related to either club or project activities. An on-line application is available at: <http://ucanr.org/join/>. The first deadline for applications is **October 15, 2011** with additional due dates of January 15 and April 15, 2012. For more information, check out the website at: <http://www.ca4h.org/Support/RofR/> or contact Pat English at: penglish@ucdavis.edu.

Build-A-Bear Workshops have announced their 2011 grant opportunities, with grants ranging up to \$10,000 each. Organizations working to support such causes as children's health and wellness, animals, and literacy and education will be considered. Click [here](#) for more information. The grant applications may be submitted through **October 28, 2011**.

FROM THE 4-H SCIENCE, ENGINEERING & TECHNOLOGY E-NEWS CONTINUED:

Home Depot Community Impact Grants Program – The deadline to apply is **October 31, 2011**. For more information, visit: <http://bit.ly/elis5T>. Individuals and groups working to make repairs and improvements to housing and community facilities in their neighborhood, as well as developing local parks and making greener spaces in the community are encouraged to apply for this funding opportunity. Grants of up to \$5,000 will be made in the form of The Home Depot gift cards for the purchase of tools, materials, and services.

2011 Promise Neighborhoods Program – Through the U.S. Department of Education, grant opportunities for this program and applications have recently been made available. Grant recipients will be selected no later than **December 31, 2011**. For more information, visit: <http://www2.ed.gov/programs/promiseneighborhoods/index.html>.

The **2011 4-H National Youth Science Day Innovation Awards** are available to 4-H programs that hold National Youth Science Day events. There are multiple award categories of: \$4,000 for the Creativity Award, \$3,000 for the Revolution of Responsibility Award, and \$3,000 for the Promotion and Media Outreach Award. Event occurring between 7/1/11 – 10/31/11 are eligible to participate. For more information on submitting your event, click [here](#).

California 4-H to Host Public Community Events – The 4-H National Youth Science Experiment is the perfect opportunity to promote 4-H to the community while sparking the interest of youth in learning more about 4-H science, engineering, and technology activities. 4-H Clubs and countywide 4-H projects/groups are encouraged to host a 4-H NYSD event at a public venue. More information on California's participation is available at <http://www.ca4h.org/Projects/SET/NYSD/>

AbilityOne Network Design Challenge

Deadline: April 20, 2012

http://www.instituteforempowerment.org/index.php?option=com_content&view=section&id=12&Itemid=55

This challenge was established to encourage students to develop creative technological solutions that can empower people with disabilities to overcome barriers to employment. Students design, build, and test an assistive technology device for a person with a disability. The design challenge is a service learning opportunity for students in grades 9-12 in the High School Program or any college student or student team at the graduate or undergraduate level in the University Program that also enhances science, engineering and technology skills.

USA Science & Engineering Festival

April 27-29, 2012 in Washington, DC. <http://www.usasciencefestival.org/#>

This 2nd Festival will inspire the next generation of scientists and engineers with school programs and nationwide contests throughout the 2011/2012 school year and a finale Expo in Washington DC on April 27-29, 2012. The Expo is the nation's largest celebration of all things science & engineering and features over 1500 hands-on activities and over 75 performances.

DO SOMETHING GRANTS

Deadline: Weekly <http://www.dosomething.org/grants/FAQ>

A variety of Do Something Grants of \$250 are offered to youth each week. These community action grants help turn dream projects into a reality and take existing projects on a variety of issues to the next level. Past grantees have used the money to create a community-run organic farm, publish a youth-written literary magazine for women of color, and even create an organization that teaches sick kids how to fly.

California 4-H Request for Funding for 4-H Service Learning Projects

Up to \$1,000 for 4-H service learning projects

Due October 15, 2011 <http://www.ca4h.org/Resources/FundingOpps/>

The State 4-H Office will consolidate the Requests for Funding for Service-Learning, Healthy Living, Science, Engineering, and Technology, and Legacy into one application. 4-H members may apply on behalf of their chartered 4-H clubs/unit or project to support service-learning projects related to their project or club activities. Applications will be due October 15 with a limit of \$1,000 per application. Projects must have a service-learning emphasis and can be related to 4-H SET, healthy living, citizenship, leadership or project work with the goal of creating positive change in your community and increasing the visibility of 4-H.

FROM THE 4-H SCIENCE, ENGINEERING & TECHNOLOGY E-NEWS CONTINUED:

Cornell Lab of Ornithology Presents “Citizenship Science” <http://www.birds.cornell.edu/citscitoolkit/about/guiding-principles-for-this-site> An increasing number of informal science education projects have involved the public directly in the multifaceted and iterative processes of scientific research. This site combines several resources and projects based on user interests from experts in the field.

Science Buddies <http://sciencebuddies.org/>

Non-profit Science Buddies empowers K-12 students, parents, and teachers to quickly and easily find free project ideas and help in all areas of science from physics to food science and music to microbiology.

Science Friday <http://sciencefriday.com/>

Science Friday is a weekly science talk show, broadcast live over public radio stations nationwide from 2-4pm Eastern time as part of NPR's 'Talk of the Nation' programming. Each week, Science Friday focuses on science topics that are in the news and try to bring an educated, balanced discussion to bear on the scientific issues at hand. Podcasts are also available for download if you are unable to listen in during the original airing.

Our Peoples Garden Database <http://www.usda.gov/peoplesgarden>

Our Peoples Garden Database is now open to the public!

In order to add your garden to our database, you will need to follow 3 easy steps.

- 1) The first step is to submit your application on-line.
- 2) Second, request an eAuthentication from USDA. This should take about 10 minutes. Instructions on how to do this will be emailed to you once your application is approved.
- 3) Third, enter your garden in the database and share your story.

Understanding Science- Solar System Model http://www.understandingscience.org/lessons/scaling_solar_system.html

In this activity participants will construct a scale model of the solar system and calculate the appropriate diameter of the scale model planets and their distances from the sun. This lesson includes some discussion about the use of models in science specifically how models are used to visualize and understand things we cannot see.

Free Lesson Plans on Energy Efficiency and Renewable Energy

<http://energyworksmichigan.org/educational-resources>

Energy Works Michigan has just released free downloadable lesson plans on energy efficiency, solar energy, and wind energy. Their hands-on, inquiry-based lessons are targeted for upper elementary, middle school, and high school levels. The lessons challenge students to conduct classroom energy audits, interpret wind maps to assess potential wind turbine sites, power a radio using solar panels, and more!

Committee on the Public Understanding of Science (COPUS) <http://www.copusproject.org/>

This is a grassroots effort that builds connections that support a better understanding of the nature of science and its value to society. COPUS is built around three values: community, celebration, and promotion. COPUS catalyzes connections--locally, regionally, nationally--to people, resources, and programs.

Chris Greer
County Director

Liz Dawley
4-H Program Representative

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