



University of Nevada
Cooperative Extension

www.unce.unr.edu/areas/western

Clover
CLIPS



VOLUME 22 • ISSUE 9 • SEPTEMBER 2014

University of Nevada Cooperative Extension • Western Area

4-H National Youth Science Day

Part of National 4-H Week, October 5-11, is the 4-H National Youth Science Day (NYSD), an exciting, interactive learning experience that engages thousands of youth across the country in conducting the *4-H National Science Experiment*. The national 4-H NYSD event will take place on October 8, in Washington, D.C. and at 4-H club events around the country. It is all part of the 4-H goal of increasing interest in Science, Technology, Engineering and applied Math (STEM).

STEM is the wave of the future. Experts credit technological innovation with almost half of U.S. economic growth over the past 50 years, and nearly all of the 30 fastest-growing occupations in the next decade will require at least some background in STEM.

But, America has been falling behind. Today, the United States ranks 27th among developed nations with college students receiving science or engineering degrees. Only one percent of fourth-graders, two percent of eighth-graders and one percent of high school seniors are deemed “advanced” in science. Only 45 percent of U.S. high school graduates in 2011 were ready for college work in math and 30 percent were ready in science.

National 4-H Council and the Noyce Foundation hosted a ground-breaking meeting of America's leading youth development organizations at National 4-H Youth Conference Center on February 6–7, 2014. The focus of the executive roundtable meeting was on the important topic of out-of-school time STEM education.

To address the nation's increased demand for science and technology professionals, 4-H set out to reach a bold goal of engaging one million new young people in science programs by 2013 – and we reached it.

Since 2008, more than 5 million youth have completed 4-H NYSD experiments in robotics, agricultural science, wind power, environmental science and alternative energy.

Why did 4-H undertake this task? For more than 100 years, 4-H has been at the forefront of teaching young people about STEM. Robotics, aerospace, alternative energy, engineering, environmental science, agri-science and veterinary science are just a few of the programs that 4-H youth nationwide, participate in everyday and learn new skills that make a difference in our communities. 4-H'ers are using aquaculture to raise fresh vegetables and seafood. 4-H youth are winning international rocketry competitions and using GIS technology to map a section of the Appalachian Trail. Our hands-on programs empower youth and provide them with opportunities to grow, learn, and gain confidence.

Past *4-H National Science Experiments* have dealt with several of these subject. Hydrogels, biofuels, water resources, wind energy, applied robotics and mapping technology have all been the experiment topics in the last six years.

This year the 2014 National Science Experiment was developed by the University of Arizona. *Rockets to the Rescue!* will explore the field of aerospace engineering. Youth across the nation will be tasked with the same mission: in light of the recent natural disasters such as Typhoon Haiyan, National 4-H Council is asking youth to design and build an aerodynamic food transportation device that can deliver a payload of nutritious food to disaster victims. Youth will learn engineering concepts, develop math skills, learn about nutrition and help solve a relevant, global issue.

In Nevada, each county will be organizing its own NYSD event; so be sure to look for notices from your county 4-H for locations and times. Then you can help the nation regain strength in STEM and have fun designing and sending *Rockets to the Rescue!*

Information from www.4-h.org/youth-development-programs/4-h-science-programs/



Portfolio and Record Books Due

Douglas County 4-H members should turn in their 2013-2014 portfolio and record books on or before 4 p.m. on October 1, at the Douglas County Extension Office at 1325 Waterloo Lane in Gardnerville.

You must have all necessary leader and parent signatures prior to turning it in. No late books will be accepted for judging. Please note that in order for members to be eligible to receive end of year 4-H awards and Leader's Council scholarships, it is mandatory to turn in a Portfolio/Recordbook on time. For more information, call 775-782-9960.

USDA: Mentorships in Ag Policy

USDA-AMS (Agriculture Marketing Service) and USDA-NIFA (4-H) both share the goal of connecting youth to decision makers, such as policy makers who administer research and promotion dollars on behalf of various industries. AMS and NIFA have joined together to identify ways that current policy makers could serve as mentors to youth – the future policy makers.

The [Mentoring Options list](#) provides different options for mentorship activities that board members and 4-H members can engage in based on the levels of time and interest that they may have. Options range from one day job shadows, potlucks after board meetings to discuss the work of the boards, possible apprenticeships, virtual mentorships and big industry-wide competitions. The purpose of this list is to provide a sampling of partnership ideas. Either 4-H or the boards can initiate a partnership.

There is an opportunity for 4-H or AMS boards to initiate a partnership. For more information contact [Dr. Amy McCune](mailto:AMCCUNE@NIFA.USDA.GOV) at AMCCUNE@NIFA.USDA.GOV



Patriots Day and Day of Service

AmeriCorps is celebrating its 20th Anniversary and commemorating the 9/11 Day of Service and Remembrance with a community cleanup and celebration of service. The event is 8:15 a.m. – 1 p.m., on Friday September 12, 2014. Volunteers will gather at 1035 Commercial Row in Reno, and start the day off by participating in the simultaneous swearing in of AmeriCorps members across the country. At 9 a.m. teams will split up along the river and clean up trash and debris from one of the most heavily impacted stretches of the Truckee River in Reno.

At noon, everyone will gather again for a Celebration of Service with speakers, awards, and lunch.

The organizers are recruiting military veterans, AmeriCorps Alums and AmeriCorps members to sign up and help positively impact our community. You can sign up today by emailing LoftisJ@veterans.nv.gov.

Bring work gloves, photos of your AmeriCorps or Military Service (these are for a service collage, so only bring photos you do not expect to be returned).

Livestock Project? There's an App for That

Do you agonize over 4-H record keeping? Now you can organize your market livestock project information on your iPhone or iPad and send customized reports right to your email inbox thanks to a handy, free app developed by the Learning Games Lab, New Mexico State University.

- Track your 4-H'ers and their individual livestock project animals
- Track participation in events, meetings, shows, contests and more
- Record animal weights, feed, health and monitor average daily gains
- Enter project assets, expenses and income to create financial statements
- Use photos to customize each 4-H'er and animal
- Export reports to spreadsheets, create graphs, or use in your state or local 4-H record keeping forms

- Free
- Category: [Productivity](#)
- Updated: 8/5/2014
- Version: 1.01
- Size: 6.5 MB
- Language: English
- Seller: New Mexico State University Board of Regents
- © 2014 NMSU Board of Regents

Thanks to the generous sponsorship of Tractor Supply Company, National 4-H Council brings you an easy, flexible way to keep your 4-H market livestock records together in one place.

So stop writing animal weights on feed sacks and trying to re-create records from calendars, checkbooks and faded receipts. There's a better way! Download the 4-H Livestock Record for free now on the iPhone App Store!

One Last Time to Strike It Rich

The last show in the Strike It Rich Summer Series 4-H Horse Shows, the Gold Show, is September 13, at Rockin' LJ Ranch 3185 Lakeshore Dr., in Washoe Valley. It is presented by High Sierra Riders 4-H Club.

The points earned at this show are added to the points earned at July's Copper Show and August's Silver Show. Twelve High Point Buckles will be awarded at the end of the day, with points tabulated from all three shows for each discipline and for each age group plus novice rider competitors. Competing in at least two of the three shows is required to win a buckle.



The Golf Show will have arena prizes for exhibitors, a fifty-fifty jackpot raffle and raffle tickets for sale for a beautiful western silver-plated bridle and reins. The drawing for the silver bridle will be at the conclusion of the Gold Show.

Nevada State 4-H Horse Show Rules will apply. Exhibitors are required to follow the Nevada/California 4-H Dress Code. Helmets are required for all youth horse handlers and exhibitors.

Class lists and entry forms are available on the Washoe County 4-H Calendar (<http://www.unce.unr.edu/4H/counties/washoe/>) and www.facebook.com/washoecounty4h.

For more information, contact Sam Mitchell at 775-336-0259 or email mitchells@unce.unr.edu.

Record Books Due in Washoe

Members, please be reminded to have your 4-H Record Book up to date and in good shape to be turned in on or before Friday, October 3. You still have time to put your best 4-H foot forward through your Washoe County 4-H Record Book.

Please be sure to use the correct forms, available on the website at: <http://www.unce.unr.edu/4H/counties/washoe/forms>. All of the forms have been updated and are writable PDF forms. Keeping an accurate, complete record book is a great opportunity to keep track of your hard work and accomplishments! Remember to follow the "Guidelines for Keeping a Record Book" which explains exactly what Record Book judges will be looking for.

Great record books win ribbons and medals, so be proud of your 4-H project! If your Record book is complete, you can always turn it in early. Make sure you have all needed signatures! Contact your leader or Lisa Boldman at 775-336-0273 if you have questions or need help.

4-H Horse Quiz Bowl and Skilathon

On Saturday, September 6 at 4:30 p.m., Washoe County 4-H will be hosting a Horse Quiz Bowl and a Horse Skillathon contest, at the UNCE office 4955 Energy Way. These contests are open all 4-H horse members. Plus, Senior 4-H horse members will be competing for spot on the teams for Western Roundup. The registration flier can be found at www.facebook.com/washoecounty4h and on the Washoe County 4-H Calendar. Please complete the entry and return to Sam Mitchell, mitchells@unce.unr.edu by September 3.



Carson City/Storey County 4-H Hosts NYSD Experiment

Carson City/Storey County 4-H will celebrate National Youth Science Day by hosting a workshop and presentation highlighting this year's national experiment.

This year's experiment, *Rockets to the Rescue*, has the scenario of using rockets in an attempt to deliver food to a storm-damaged island. A "build day" will be held in the Carson City/Storey County Cooperative Extension conference room on October 4, from 10 a.m. until 1 p.m. Participants will design, build and launch their rockets.

On October 8, from 6-8 p.m., the office will host a presentation on the experiment and give out participant certificates. The presentation will also be in the office conference room. The Carson City/Storey County Cooperative Extension conference room is located at 2621 Northgate Lane, suite # 12.

For more information on the experiment and to reserve your spot, call Jim Barcellos at the Carson City/Storey County Cooperative Extension office, 775-887-2252.



Introducing "It's My Community Store" and Amazon Smile!

Two companies have programs to donate part of their sales to 4-H. Get your supplies and contribute to 4-H at the same time!

It's My Community Store was founded by Jen Rose, and a Sparks-based office supply company that sells over 30,000 different items. It donates up to 10% of the sales revenue when you designate 4-H!

"Conscious capitalism" is a basic tenet of It's My Community Store's business philosophy. The store was created to provide products at a discount that everyone has to buy anyway and to make a real difference in the community at large.

IMCS has over 30,000 different items including office supplies like pens, paper, staples, binders, envelopes, file folders, etc., plus printer cartridges for HP, Brother, and others, janitorial items like toilet paper and cleaners and brushes, plus break room items such as paper cups and plates and plastic ware and coffee, plus much more.

The company features customer pricing for non-profits, 1-2 day delivery, and an unconditional 90 day money-back guarantee. You can order online, by phone or e-mail and pay by credit card or invoice.

Remember, when you choose 4-H, part of the sale proceeds are designated with every order placed.

See their website: www.itsmycommunitystore.com.

AmazonSmile is a website operated by Amazon that lets customers enjoy the same selection of products, prices, and convenient shopping features as on Amazon.com. The difference is that when customers shop on the site (smile.amazon.com), the AmazonSmile Foundation will donate 0.5% of the price of eligible purchases to the charitable organizations selected by customers.

When first visiting AmazonSmile, customers are prompted to select a charitable organization from almost one million eligible organizations. In order to browse or shop at AmazonSmile, customers must first select a charitable organization. Nevada Cooperative Extension 4-H Youth Development Programs Inc. is a registered charitable organization and now can be selected for donations!

Each quarter, the foundation makes donations to eligible charitable organizations by electronic funds transfer. Donations will be transferred approximately 45 days after the end of each calendar quarter. To account for product returns, a portion of the quarterly donations will be withheld until the next donation cycle, subject to any reduction due to returns from prior quarters. See the AmazonSmile Participation Agreement for more details.

Check out both of these fundraising opportunities for 4-H in Nevada! For more information contact Lisa Boldman at boldmanl@unce.unr.edu or 775-336-0273.



Western Area September Dates to Remember

Sept. 1 – Labor Day Holiday
(Offices Closed)

Sept. 6– Quiz Bowl/Skillathon contest

Sept. 13 – Strike it Rich Summer Horse
Series- Gold Show

Sept. 22 – Autumn Begins



JOIN | THE REVOLUTION
OF RESPONSIBILITY 

Your 4-H Mission Minute

4-H National Youth Science Day is the premier national rallying event for year-round 4-H Science programming, bringing together youth, volunteers and educators from the nation's 109 land-grant colleges and universities to simultaneously complete the National Science Experiment.

Now entering its seventh year, *4-H National Youth Science Day* seeks to spark an early youth interest and leadership in science. Currently, more than five million young people across the nation participate in 4-H science, engineering and technology programming in topics as varied as robotics, rocketry, wind power, GPS mapping, agricultural science, water quality and biofuels.

For more information about *4-H National Youth Science Day*, visit www.4-H.org/NYSD. If you missed previous National Science Experiments, you can still download them from the Experiment Archives tab on the NYSD page.

-From 4-H.org/youth-development-programs

4-H is a program of University of Nevada Cooperative Extension

WESTERN AREA OFFICES

**Carson City/
Storey County**
(775) 887-2252
2621 Northgate Lane
Suite 15
Carson City, NV 89701

Douglas County
(775) 782-9960
1325 Waterloo
Gardnerville, NV 89410
PO Box 338
Minden, NV 89423-0338

Washoe County
(775) 784-4848
4955 Energy Way
Reno, NV 89502

Clover Clips is published monthly by the University of Nevada Cooperative Extension for the benefit of 4-H members, leaders, families and others. The University of Nevada, Reno is an Equal Employment Opportunity/Affirmative Action employer and does not discriminate on the basis of race, color, religion, sex, age, creed, national origin, veteran status, physical or mental disability, and sexual orientation in any program or activity it operates. The University of Nevada employs only United States citizens and aliens lawfully authorized to work in the United States

Unless stated differently, all meetings are held at your local Cooperative Extension office.

4-H Events Calendar

September 2014



DATE	WESTERN AREA	CARSON CITY/STOREY COUNTY	DOUGLAS COUNTY	WASHOE COUNTY
1	LABOR DAY HOLIDAY - OFFICES CLOSED			
3		Bouncing Bunnies, Fuji Exhibit Hall, 6:30-8 p.m.		
5		Carson Hot Shots, Cap. City Gun Club, 6-9 p.m.		
8		4-H Council, 6:30-8 p.m.		
9				Horse Leaders Mtg, 6 p.m.
10	NJLS Board Mtg, IV conf., 5-7:30 p.m.			
12	State 4-H Shooting Match Set-Up, Douglas County Range & Fairgrounds, all day			
13	State 4-H Shooting Match, Douglas County Range & Fairgrounds, 7 a.m.-10 p.m.			Strike It Rich Summer Series Gold Show, Rockin' LJ Arena, Washoe Valley
15		Target Rippers, Fuji Exhibit Hall, 6:30-8 p.m. Carson Cluckers, 6:30-8 p.m.		
16				Livestock Leaders' Mtg., 6 p.m.
17				Small Animal Leaders' Mtg., 6 p.m.
19		Carson Hot Shots, Cap. City Gun Club, 6-9 p.m.		
20	CABNR/UNCE Field Day, Main Station Farm 9 a.m. - 2 p.m.			
22			Leaders' Council, 7 p.m.	Leaders Council Mtg, 6 p.m.
29			4-H Sign-up Night, Methodist Church, 6:30 p.m.	



Patriot Day, September 11



Autumn Begins, September 22

Upcoming 4-H Events Calendar



DATE	WESTERN AREA	CARSON CITY/STOREY COUNTY	DOUGLAS COUNTY	WASHOE COUNTY
October 2014				
1	2014-2015 4-H Year begins	Bouncing Bunnies, Fuji Exhibit Hall, 6:30-8 p.m.	Portfolios due by 4 p.m., 4-H Office	
2		4 Paws Sign-ups, UNCE conf. room, 6:30-8 p.m.		
3		Carson Hot Shots, Cap. City Gun Club, 6-9 p.m.		Record Books Due by 5 p.m., Washoe 4-H Office
4		National 4-H Science Experiment "Build day", UNCE Carson, 10 a.m.-1 p.m.		
5-11	National 4-H Week			
6		Target Rippers, Fuji Exhibit Hall, 6:30-8 p.m.	Teen Leadership begins, 2:30-4 p.m.	
8	National 4-H Experiment	National 4-H Experiment Presentation, 6-8:30 p.m.		
9		4 Paws, Fuji Exhibit Hall, 6:30-8 p.m.	Teen Leadership, 2:30-4 p.m.	
13		4-H Council, 6:30-8 p.m. S.C. Cook Lovers, V.C. Sr. Ctr., 4-6:30 p.m.	Awards Night, 6:30 p.m., CV Methodist Church	
14		Carson Cluckers, 6:30-8 p.m.		Horse Leaders Mtg, 6 p.m.
15				Small Animal Leaders' Mtg., 6 p.m.
16		4 Paws, Fuji Exhibit Hall, 6:30-8 p.m.		
17		Tentative 4-H Fun Night, Fuji Exhibit Hall, 6:30-8 p.m. Carson Hot Shots, Cap. City Gun Club, 6-9 p.m.		
20		Target Rippers, Fuji Exhibit Hall, 6:30-8 p.m. S.C. Cook Lovers, V.C. Sr. Ctr., 4-6:30 p.m.	Teen Leadership, 2:30-4 p.m.	
21				Livestock Leaders' Mtg., 6 p.m.
24-26	State 4-H Shooting Sports Leader Training, Pahrump, Fri. 710, Sat. 8 a.m.-5 p.m., Sun. 8 a.m.-1 p.m.			
25			Fall Family Costume Ball, Douglas Co. Fairgrounds, 5:30 p.m.	
27		S.C. Cook Lovers, V.C. Sr. Ctr., 4-6:30 p.m.	Teen Leadership, 2:30-4 p.m. Leader Training and Council, 6 p.m.	
31		Carson Hot Shots, Cap. City Gun Club, 6-9 p.m.		
31	NEVADA DAY HOLIDAY - OFFICES CLOSED <i>(Happy 150th Birthday, Nevada!)</i>			
November 2014				
3		Target Rippers, Fuji Exhibit Hall, 6:30-8 p.m. S.C. Cook Lovers, V.C. Sr. Ctr., 4-6 p.m.		
5		Bouncing Bunnies, Fuji Exhibit Hall, 6:30-8 p.m.		
6		4 Paws, Fuji Exhibit Hall, 6:30-8 p.m.		
10		4-H Council, 6:30-8 p.m.		
11	VETERANS' DAY HOLIDAY - OFFICES CLOSED			
12				Horse Leaders Mtg, 6 p.m.
13		4 Paws, Fuji Exhibit Hall, 6:30-8 p.m.		
14		Carson Hot Shots, Cap. City Gun Club, 6-9 p.m.		
17		Target Rippers, Fuji Exhibit Hall, 6:30-8 p.m. S.C. Cook Lovers, V.C. Sr. Ctr., 4-6 p.m.		
18		Carson Cluckers, 6:30-8 p.m.		Livestock Leaders' Mtg., 6 p.m.
19				Small Animal Leaders' Mtg., 6 p.m.
20		4 Paws, Fuji Exhibit Hall, 6:30-8 p.m.		
22				Leaders' Council Meeting, 6 p.m.
27-28	THANKSGIVING DAY HOLIDAY - OFFICES CLOSED			
28		Carson Hot Shots, Cap. City Gun Club, 6-9 p.m.		