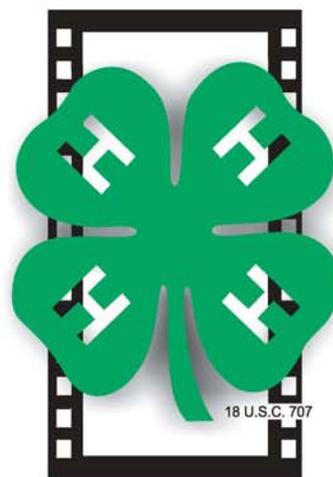




University of Nevada  
Cooperative Extension

www.unce.unr.edu/areas/western

# Clover CLIPS



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## 4-H SET – Science, Engineering and Technology - Facing a Critical Challenge



Although the United States is currently the world's economic and military leader, we are at a critical juncture. We must adapt to meet the evolving economic and national security landscape of the 21<sup>st</sup> century. At the core of this challenge is our nation's proficiency in science, engineering and technology. Too many young Americans do not have the science, engineering and technology career skills necessary to succeed and meet our country's needs in the future:

- \* Only 18 percent of high school seniors are considered proficient in science. (NAEP 2000)
- \* A mere 5 percent of college undergraduates earn degrees in science and engineering. (Rising Above the Gathering Storm 2006)

In the next decade, our nation will face a significant workforce shortage in the critical science, engineering and technology fields that will put our leadership at risk unless

action is taken.

### Working Toward a Solution

With 4-H and the Cooperative Extension System's (CES) direct connection to the cutting-edge research and resources of the nation's 106 land-grant universities and colleges, we are strategically positioned to strengthen the U.S. global competitiveness and leadership in science, engineering and technology. The 4-H Science, Engineering and Technology (SET) program is the national priority of the 4-H Youth Development Program for the next five years.

Currently, 4-H SET activities reach 5.9 million youth with hands-on learning experiences that foster exploration, discovery and passion for the sciences. The combination of content and context inherent in 4-H club and camp programs is proven to have a positive effect on youth, resulting in young adults who are prepared to contribute, excel, and lead in their communities and workplaces.

4-H will address our nation's critical challenge by preparing 1 million

new young people to excel in science, engineering and technology. As a public-private partnership, 4-H can focus resources and expertise through SET to improve science literacy; increase the number of American students seeking undergraduate degrees in science, technology and engineering; and increase the number of young adults pursuing careers in these fields. Other primary components of the national 4-H SET program include:

- \* Create and nationally disseminate innovative SET curriculum that supports the development of scientific literacy within the context of nonformal experientially based instruction.
- \* Foster and support 4-H clubs, camps and after-school programs that employ SET curriculum.
- \* Identify a 4-H SET liaison from each land-grant institution to stay connected to state and local CES staff and volunteers.
- \* Provide SET training for 4-H



*4-H is a community of young people across America who are learning leadership, citizenship and life skills.*



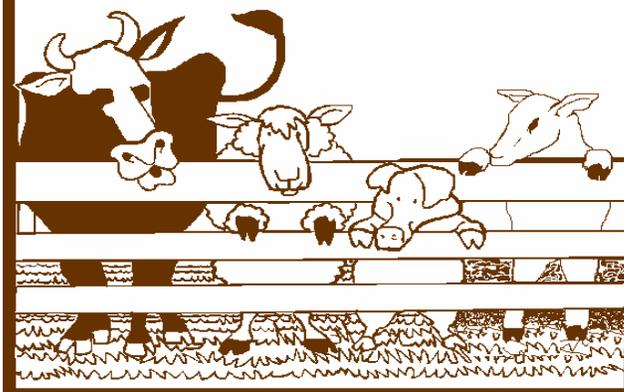
## Agility and Rally

Washoe County Dog Leaders present a dog training workshop open to all youth and their dogs, 8:30 a.m. – noon, Dec. 15, at the Reno Livestock Event Center Pavilion. RSVP by Dec. 12 to Cindy Smullen, (775) 784 4848. A \$3 donation will be requested at the door. Hot chocolate will be on sale for 50 cents. You will need to bring a crate, water, dish, treats and buckle collar for agility and training collar for rally. Youth will be divided into two groups as they rotate to the two stations. Registration opens at 8:30 a.m., with the event starting at 9 a.m.



## New Rules for NJLS

The Nevada Junior Livestock Show Board will be issuing the 2007-2008 Rules this month. If you are involved with a livestock project, be sure to get a copy. The new, updated rules have been revamped with an easy-to-read format. The classes have been renumbered so be sure to contact your Cooperative Extension office and/or the Nevada Junior Livestock Show office, (775) 688-1180 ext. 292.



## Get Ready to Ride!

Washoe County 4-H Horse Leaders are starting the 2008 4-H year with their first clinic, 9 a.m., Jan. 19, at the Reno Livestock Events Center Pavilion. Leave your horse at home for this clinic! You will be learning about horses while participating in popular game-show formats. There will be a snack bar available, and dress warm!

All area 4-Her's are invited to attend. This is the first of the required clinics for Washoe County 4-H youth. Share in the fun and learn!



## HOLIDAY SKI AND SNOWBOARD FUN!

The 2007 Carson City/Storey County 4-H Ski and Snowboard dates are set for Dec. 15, 16, 22 and 23 at Diamond Peak Ski Resort in Incline Village. Youth ages 4–16 can choose to participate in two, three or all four days.

This year's youth packages are \$38 per day and include equipment rental, lesson and lift tickets. Adults can receive a full-day lift ticket for \$36. Registration packets, which include Diamond Peak forms, 4-H member cards and payment information, are available from Molly and Paul Sinnott, Ski and Snowboard leaders. Registration must be received by Dec. 10. Parents are responsible for transporting their children to and from Diamond Peak.

For more information, contact the Carson City/Storey County Cooperative Extension office, (775) 887-2252.

## Portfolio Interviews

Douglas County members who turned in a portfolio in November are eligible to take part in a portfolio interview session. This will give members a chance to learn interview skills in a low-key and fun setting. Interviews last about 15 minutes. You must call to reserve a time slot by Jan. 16. Space is limited and times will be awarded on a first-come, first-served basis. Members will have the chance to share items from their portfolio in an interview style setting with a "panel" of interviewers. All participants will receive an official certificate of participation that can be included in next year's portfolio. This is an excellent opportunity for your child to build life skills that will help them when applying for jobs and scholarships. Suitable for ages 9 and older. Contact Shannon Montana, (775) 782-9960, for information.

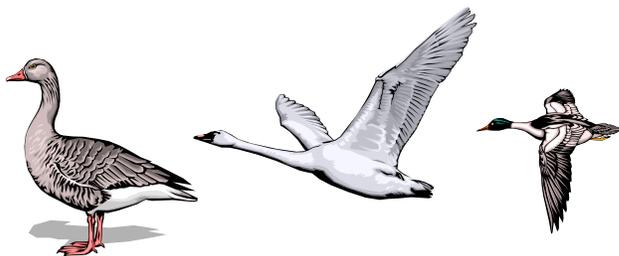




## Wonders of Washington Job Opportunity

There is an exciting work experience available to you in Washington D.C. as a National 4-H Council Program Assistant. You would serve as a tour guide, leading trips into the Washington D.C. metropolitan area; lead educational workshops at the National 4-H Youth Conference Center; and also have the opportunity to work as an intern within the National 4-H Council. This is a paid position. Dates of employment are January through May, and housing is provided.

If you are interested and would like to get more information, application forms, etc., visit [careers@fourhcouncil.edu](mailto:careers@fourhcouncil.edu) or <http://www.wowwashington.org/programassistant.aspx>.



## Duck Stamp Contest

Information on the 2008 Federal Junior Duck Stamp Conservation & Design Contest is now available. The contest is open to all students attending public, private or home schools in kindergarten through 12th grades. The deadline for entry submission is March 15.

First-place artwork will be used to create the 2008 Duck Stamp. The artist will win \$5,000 and a free trip to Washington D.C., along with his/her art teacher and one parent, to attend the First Day of Sales Ceremony (in late June or early July). Second place wins \$3,000, and third place wins \$2,000.

Guidelines and entry forms for the contest can be obtained by calling Donna Withers, Nevada Junior Duck Stamp Coordinator, Stillwater National Wildlife Refuge in Fallon, (775) 423-5128, ext. 231, or by visiting the Junior Duck Stamp website, <http://fws.gov/juniorduck>.

Information packets are also available at your local Cooperative Extension office.

## Douglas County Award's Night & Holiday Party

Douglas County 4-H'ers will gather to celebrate the season and receive end-of-the-year awards at 6:30 p.m., Dec. 17 at the Carson Valley Methodist Church, 1375 Centerville Lane, Gardnerville. This end-of-the-year celebration recognizes our members, leaders and supporters for the 2006-07 4-H year. It is planned and hosted by our Teen Institute members. Formal 4-H dress is required. Please bring finger food to share; no desserts please, dessert and drinks are provided.

Highlights of the evening include awards and the annual end-of-the-year slide show! Please come early, at 4 p.m., to help decorate if possible! Current and last year's members and their families are encouraged to attend. For information or to help with the event, contact Shannon Montana, (775) 782-9960.



## Celebrating Washoe County 4-H Horse Member Achievements

Washoe County 4-H Horse Leaders will be recognizing the accomplishments of 4-H horse members for 2007 at the Year-End Horse Awards, 7 p.m., Jan. 18, at Lazy 5 Regional Park, 7100 Pyramid Lake Highway, Spanish Springs. Families are asked to bring a dessert to serve eight (along with appropriate serving utensils) and a raffle prize. Fliers will be mailed soon, but mark your calendar now!

## CHRISTMAS CARDS FOR INJURED SOLDIERS

While you're writing your Christmas cards this season, include one for injured soldiers who are in recovery at Walter Reed Hospital. Sign your name or the name of your 4-H club, and use your local Cooperative Extension office as the return address.

Address the card to: A Recovering Soldier  
c/o Walter Reed Hospital  
6900 Georgia Avenue NW  
Washington, D.C. 20307-5001



## Take My Picture?

The Carson City/Storey County Photography Club is inviting local youth to join in the fun of learning photography.



The next meeting will be held 6:30 p.m., Dec. 4, at the Carson City/Storey County Cooperative Extension office.

For more information, contact Jim Barcellos, (775) 887-2252.



## Western Area

### December Dates to Remember

- Dec. 1** Parade of Lights & Annual 4-H Holiday Party  
Virginia City
- Parade of Lights Float Decorating & Pizza Party  
Douglas County
- Washoe County Beef Weight Day
- Dec. 25** Christmas Day – Offices Closed
- Jan. 1** New Year's Day – Offices Closed



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#### WESTERN AREA OFFICES

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

**Douglas County**  
(775) 782-9960  
1329 Waterloo  
Gardnerville, NV 89410  
PO Box 338  
Minden, NV 89423-0338

**Washoe County**  
(775) 784-4848  
5305 Mill Street  
Reno, NV 89502

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Reno, NV 89557

# 4-H Events Calendar December 2007



DATE	WESTERN AREA	CARSON CITY/STOREY COUNTY	DOUGLAS COUNTY	WASHOE COUNTY
1		Comstock Hot Shots Safety Training Hugh Gallagher Elementary Virginia City 9 a.m. – 4 p.m.  Parade of Lights & Annual 4-H Holiday Party Virginia City 5 – 8 p.m.	Beef Weigh-in at The Gansberg's  Holiday Caroling noon  Parade of Lights Float Decorating & Pizza Party 3:30 p.m.	Washoe County Beef Weight Day Damonte Ranch 9 a.m.
2				
3			Teen Institute 2:30 p.m.	
4				
5		New Horse Club Business Mtg. Carson Bureau of Land Management 6:30 – 8 p.m.		
6				
7				
8		Comstock Hot Shots Safety Training Hugh Gallagher Elementary Virginia City 9 a.m. – 4 p.m.		
9				
10		4-H Council Mtg. 6:30 – 8 p.m.	Teen Institute 2:30 p.m.	
11				Horse Leaders' Mtg. 6 p.m.
12				
13				
14				
15				Agility & Rally Dog Training Workshop for Youth Reno Livestock Events Center Pavilion 8:30 a.m. – noon
16				
17			Teen Institute 2:30 p.m.  Community Club Night & County Awards Night Holiday Party Carson Valley Methodist Church 6:30 – 8:30 p.m.	
18				
19			State Ambassador Mtg. 5:30 p.m.	
20				
21				
22				
23				
24				
25	<b>CHRISTMAS DAY - OFFICES CLOSED</b>			
26				
27				
28				
29				
30				
31				

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

# Upcoming 4-H Events Calendar January 2008 and February 2008



## JANUARY 2008

DATE	WESTERN AREA	CARSON CITY/STOREY COUNTY	DOUGLAS COUNTY	WASHOE COUNTY
1	NEW YEAR'S DAY - OFFICES CLOSED			
2				
3				
5		Carson/Storey Awards Ceremony 5:30 – 9 p.m.		
7			Teen Institute cancelled for the month of January	
8				Horse Leaders' Mtg. 6 p.m.
16				Livestock Leaders' Mtg. 6:30 p.m. Small Animals Leaders' Mtg. 7 p.m. Dog Leaders' Mtg. 7 p.m. Leaders' Council Mtg. 8 p.m.
18				Year End Horse Awards Lazy 5 Regional Park 7 p.m.
19				Horse Clinic Reno Livestock Events Center Pavilion 8 a.m.
21	MARTIN LUTHER KING, JR. DAY - OFFICES CLOSED			
24			Portfolio Interviews 2:30 – 6 p.m.	
25			Portfolio Interviews 2:30 – 6 p.m.	2007 Washoe County Year End 4-H Awards Lazy 5 Regional Park 7 p.m.
28			Speaking with Confidence 4 p.m. Leaders' Council 7 p.m.	

## FEBRUARY 2008

1				
4			Teen Institute 2:30 p.m. Speaking with Confidence 4 p.m.	
8		Carson City/Storey County 4-H Fabric Sale Fuji Park Exhibit Hall		
9				Small Animal Show Reno Livestock Events Center Exhibit Hall 9 a.m.  Horse Clinic Reno Livestock Events Center Pavilion 8 a.m.
10				Annual 4-H Tack Sale Reno Livestock Events Center Pavilion
11			Teen Institute 2:30 p.m. Speaking with Confidence 4 p.m.	
12				Horse Leaders' Mtg. 6 p.m.
18	PRESIDENTS' DAY - OFFICES CLOSED			
20				Livestock Leaders' Mtg. 6:30 p.m. Small Animal Leaders' Mtg. 7 p.m.
22				State 4-H Leader Training Redfield Campus
23				
25			Teen Institute 2:30 p.m. Speaking with Confidence 4 p.m.	
28				