



COLLEGE OF AGRICULTURE
AND LIFE SCIENCES
COOPERATIVE EXTENSION



CLOVER COMMUNICATOR YAVAPAI COUNTY 4-H NEWS JUNE 2017

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You may view a color copy of this
newsletter online at:
[http://extension.arizona.edu/4-H/
yavapai](http://extension.arizona.edu/4-H/yavapai)

Stacy DeVeau

Stacy DeVeau
4-H/STEM
Program Coordinator, Sr.

Shirley Vasovski

Shirley Vasovski
4-H Club Program Coordinator

Lisa Gerber

Office Specialist



June 1	Indoor Exhibits Information available for entry into fair
June 3	All Breeding, Market Swine, Sheep, Goat, & Dog Entry, Weigh-In, and Ear Tagging 9am – 12pm. All Small Stock entries due by 12pm
June 5- 9	J.O.L.T. Camp - Heber, AZ.
June 6	Important: Open EXPO meeting to discuss potentially dissolving the Yavapai County 4-H/FFA EXPO and forming a Yavapai County Junior Livestock Show and Sale
June 17	Horse Show at Olsen's in Chino Valley
June 19 - 29	Ag Discovery Camp - UA Satellite Campus Yuma
June 25 - 30	4-H Shooting Sports Championship (Grand Island, Nebraska)
July 1	Prescott Frontier Days 4th of July Rodeo parade
July 9 - 13	MoYava/ Arizona Statewide Summer Camp - James 4-H Camp
July 15	Horse Show Entry Deadline for August Show
July 18 - 21	Arizona Livestock Camp (Holbrook, AZ)
July 21 - 23	Groom Creek Horse Campout
July 25 - 29	NRCWAY Workshop - James 4-H Camp
August 15	Deadline - 4-H/FFA EXPO Indoor Exhibits Entry
August 19	Horse Show at Olsen's in Chino Valley
August 28	Karen Clingman Memorial Award (Scholarship) and Mandi Michael Memorial Award Deadline



June 2017



Sun	Mon	Tue	Wed	Thu	Fri	Sat
				①	2	③
4	⑤	⑥	⑦	⑧	⑨	10
11	12	13	14	15	16	①⑦
①⑧	①⑨	②⑩	②①	②②	②③	②④
②⑤	②⑥	②⑦	②⑧	②⑨	③⑩	

Issued in furtherance of Cooperative Extension work, acts of May 8 and June 30, 1914, in cooperation with the U.S. Department of Agriculture, Jeffrey C. Silvertooth, Associate Dean & Director, Economic Development & Extension, College of Agriculture and Life Sciences, The University of Arizona. The University of Arizona is an equal opportunity, affirmative action institution. The University prohibits discrimination in its programs and activities on the basis of race, color, religion, sex, national origin, age, disability, veteran status, sexual orientation, gender identity, or genetic information and is committed to maintaining an environment free from sexual harassment and retaliation.

UPCOMING EVENTS

Don't forget to check the Yavapai County 4-H Planning Calendar!



<http://extension.arizona.edu/4h/yavapai>

Send any additions or changes to:

vasovski@email.arizona.edu

IMPORTANT

TO: 4-H/FFA Active Members, Leaders, and Parents

FROM: Jeff Schalaus, County Director/Agent Agriculture & Natural Resources,
Yavapai County
Interim County Director, Mohave County
Shirley Vasovski, Program Coordinator, 4-H Youth Development
Levi Darby, 4-H/FFA EXPO President

RE: **Future of Yavapai County 4-H/FFA EXPO**

You are invited to attend the Yavapai County 4-H/FFA EXPO open meeting on **June 6th at 6:30 p.m.** for a discussion about the future of EXPO.

We will be initiating a discussion to potentially dissolve the Yavapai County 4-H/FFA EXPO and form a Yavapai County Junior Livestock Show and Sale.

If you are a club leader or project leader that has a part to play in EXPO, we strongly encourage you to come or send a representative.

If you are unable to attend, please send your questions or comments via email to vasovski@email.arizona.edu

The meeting will be held at **840 Rodeo Drive** in the Shelby Hansen Room.

See you then!



UPCOMING EVENTS

EXPO

Prescott Frontier Days Rodeo Grounds Prescott, Arizona 4-H/FFA EXPO

September 6-10, 2017

Important Dates and Deadlines for 2017

- Online EXPO Entry through ShoWorks is required 2 weeks prior to ear tagging.

Tips for online entry can be found here: [http:// YC4H_EXPOonlineentrytips](http://YC4H_EXPOonlineentrytips)

The Premium Book can be found here:

<https://ycexpo.files.wordpress.com/2016/05/premium-book1.pdf>

You can access the entire 4-H/FFA EXPO website at <https://4hffaexpo.com/>

**If you are unable to view something or cannot print what you need,
YOU must communicate Early and Often! Thank you!!!**



UPCOMING EVENTS

EXPO....continued

Prescott Frontier Days Rodeo Grounds

Prescott, Arizona

4-H/FFA EXPO Dates & Deadlines

September 6-10, 2017

Important Dates and Deadlines for 2017

Online EXPO Entry through ShoWorks at www.4HFFAEXPO.com will be required 2 weeks prior

June 3, 2017 Online Entries submitted via
4hffaexpo.com by May 20, 2017

- 9am – 12pm (PFRG) All Breeding, Market Swine, Sheep, Goat, & Dog Entry, Weigh-In, and Ear Tagging
- All Small Stock entries due by 12pm

August 15th

- Indoor Exhibits entries Due

September 1st, 2nd, & 3rd

- 9am – 4pm (PFRG) EXPO Set-Up (ALL Member and Families are to Help with this Event)
- Saturday the 2nd 9am EXHIBITOR MEETING

September 6th

- 9am -3:30pm: Check-In for All Species
- 9am – 4:00pm: Weigh-In (All Market Animals Must be Weighed on Official Scale by 4:00pm)
- 5:00pm: Opening Ceremonies (Show Ring)
- 6:00pm: Dog Show (Show Ring)

Sept 7th

- 9:30am: Dairy Goat Showmanship & Conformation Show (Show Ring)
- 9:30am: Pygmy Goat Showmanship & Conformation Show (Show Ring)
- 11:00am: Market Sheep Showmanship (Show Ring)

- 1:00am: Market Beef Showmanship (Show Ring)
- 2:30pm: Market Goat Showmanship (Show Ring)
- 4:00pm: Small Stock Showmanship (Show Ring)
- 6:00pm Fair Opening Ceremonies (Main Grandstands)
- 7:00pm: Market Swine Showmanship (Show Ring)

September 8th

- 8:00am: Small Stock Conformation (TBD)
- 9:30am: Swine Conformation & Breeding Show (Show Ring)
- 12:00pm: Sheep Conformation & Breeding (Show Ring)
- 1:30pm: Beef Conformation & Breeding (Show Ring)
- 3:00pm: Market Goat Conformation & Breeding (Show Ring)
- TBD Round Robin for Small Stock (TBD)
- TBD Round Robin for Large Stock (TBD)

September 9th

- 10:00am: Buyer BBQ
- 12:00pm: Auction (Show Ring)

September 10th

- Barn closes at 4:00pm
- ALL ANIMALS CHECK-OUT 4:00-5:00pm

NOTE: Event times are approximate and may be Subject to change should circumstances require. All shows will start 30 minutes after the previous one if time overlaps.

*All Market Animals must be weighed on the official scale by 4:00pm 9/6/17!

UPCOMING EVENTS

Underwater Robotics and Engineering Design

A new professional development opportunity provided by **Arizona Project WET** and **Marine Advanced Technology Education (MATE)**.

July 18-21, 2017

8:30 AM – 5:00 PM

University of Arizona

Using MATE & APW materials

- Investigate the Central AZ Project delivery system
 - Understand how ROVs are used in the water industry
 - Engage in the engineering design, building, and testing of marine ROVs
 - Develop an understanding of buoyancy, hydrodynamics, forces, energy, electrical circuitry, wiring, soldering, and control systems
- Integrate ROVs into a class, club, 4-H program

See [MATE overview](#)

Benefits

Build the skills and confidence you need to teach engineering design of ROVs to students

Receive \$400 worth of tools, an ROV kit, and lessons

Your students will be eligible to participate in a mini-scrimmage, similar to regional MATE competitions, in Spring 2018

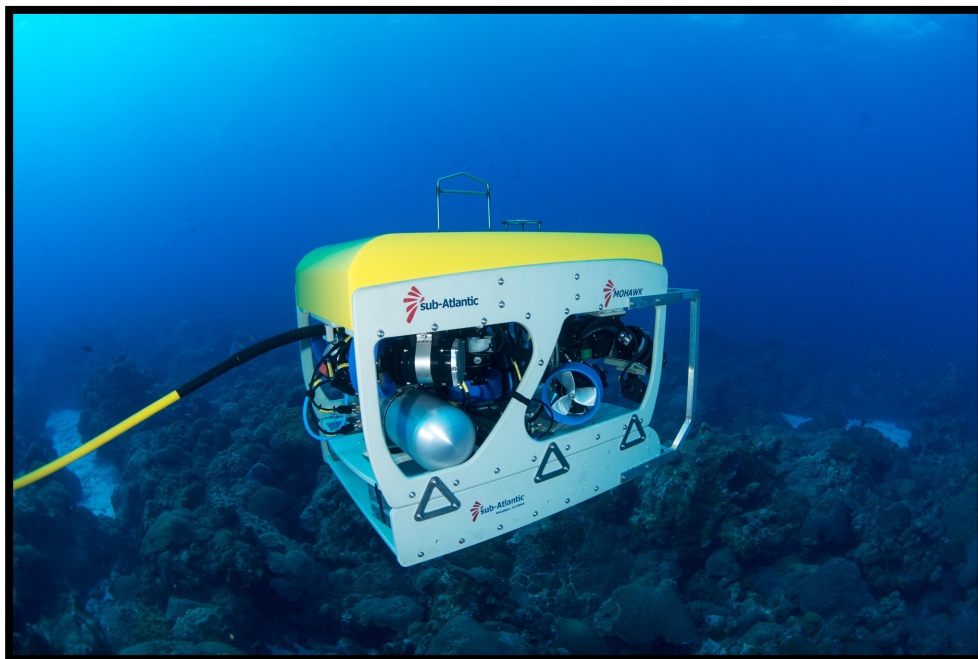
Enroll today!

\$200 registration fee required

Apply online at: <https://goo.gl/kf8uWY>

Questions? – Contact Betsy Wilkening ewilkening1@email.arizona.edu

Learn more at: <https://arizonawet.arizona.edu/> and <https://www.marinetech.org/mate-summerinstitutes-2017/>



Picture: Flowergarden.noaa.gov

Underwater Robotics & Engineering Design

Arizona Project WET and MATE



Investigate Innovate Integrate



Arizona Project WET in collaboration with Marine Advanced Technology Education (MATE) is providing this exciting new offering for 5th-12th grade Tucson educators!

Using MATE & APW materials:

- ✓ Investigate the Central AZ Project delivery system
- ✓ Understand how ROVs are used in the water industry
- ✓ Engage in the engineering design, building, and testing of marine ROVs
- ✓ Develop an understanding of buoyancy, hydrodynamics, forces, energy, electrical circuitry, wiring, soldering, and control systems
- ✓ Integrate ROVs into a class or club



Dates

July 18 – 21, 2017
8:30 AM – 5:00 PM
University of Arizona



Benefits

- ✓ Build the skills and confidence you need to teach engineering design of ROVs to students
- ✓ **Receive \$400 worth of tools, an ROV kit, and lessons**
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Enroll today!

- ✓ \$200 registration fee required
- ✓ Apply online at: <https://goo.gl/kf8uWY>

Questions? – Contact Betsy Wilkening ewilkening1@email.arizona.edu

Learn more at: <https://arizonawet.arizona.edu/> and <https://www.marinetech.org/mate-summer-institutes-2017/>



THE UNIVERSITY OF ARIZONA
**Agriculture
& Life Sciences**
Water Resources Research Center

HORSE COMMITTEE

Dear State Horse Committee and Horse Project Members,

Each year the Arizona State 4-H Horse Show Committee holds an annual meeting to review the prior year and plan for the future. We'd like to invite you to participate and provide input!

Annual State 4-H Horse Show Committee Meeting

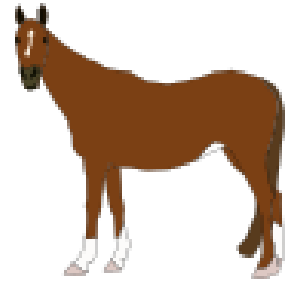
Date: Saturday, June 10, 2017

Time: 12 p.m. start time (Typical meeting time is 4.5-5 hours)

Location: Maricopa County Extension Office, 4341 E Broadway Rd, Phoenix, AZ 85040

Lunch and water will be provided! Please RSVP by Wednesday, June 7, 2017 6 p.m.

azstate4horse@gmail.com



Agenda items include important business practices such as Board Elections, Rule Book Review and event planning. This year is especially important as we have the opportunity to review suggested rule changes. We would like to hear from you about suggestions you may have.

Should you have a suggested rule change, please submit your suggestions no later than June 5 to the email below. We will be able to accept submissions for review that follow the format below.

Rule Review Suggestion Form (all sections must be complete for consideration)

Section (see page 2 of rule book for sections):

Page Number:

Rule Number:

Suggested Change:

Rationale for Suggested Change:

Your Name:

Your County:

Contact Information/Phone or email (should we have a clarifying question about your suggestion):



Please send your suggestions to azstate4horse@gmail.com no later than Monday, June 5, 2017 6 p.m.

You can find the current Arizona State 4-H Horse Show Rules here: <https://www.dropbox.com/s/31bs17arc05pwee/2015-2017%204-H%20HorseShowRuleBook--Helmet%20Revision-07-12-2015%20%2800000003%29.pdf?dl=0>

We will also be holding board and other committee elections. We need your help! Please consider joining us as a board member or volunteer your expertise in other ways. This year, we are putting together a mentoring program to ensure the success of all, participants and volunteers alike! For current descriptions of open positions please see the bylaws here: <https://www.dropbox.com/s/70dvvrq0fu8l8u/AZ%20State%20Horse%20By-Laws%20Revised%20May%202016.pdf?dl=0>

Additionally, we will start considering our 2017 Show Budget. You can find a loose budget based on the past here: <https://www.dropbox.com/s/oidugufxipkm4je/2017%20Budget.xlsx?dl=0>

For regular updates, please visit <http://www.az4horse.org/> and our Facebook page: AZ State 4-H Horse Show.

Thank you for taking the time to make suggestions and we look forward to seeing you soon!

Sincerely,

The Arizona State 4-H Horse Show Committee

Azstate4horse@gmail.com

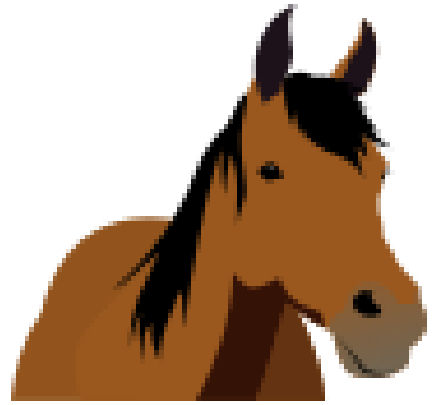
UPCOMING EVENTS

HORSE COMMITTEE

It's not too late to register your horse in 4honline if you want to participate in the third horse show on August 19th.

The Show Packet is attached for your use.

[2017 show packet](#)



****Groom Creek Horse Campout - July 21-23, 2017****

Mark your calendars and book your campsites **NOW!** We will be having a camp out weekend on July 21 - 23rd at Groom Creek Horse Camp. Check in is Friday at 2pm, check out is Sunday by noon. I have reserved the group picnic site in loop C. If you would like to attend, you need to get online and book your site now at:

<http://www.recreation.gov/camping/groom-creek-horse-camp/r/campgroundDetails.do?contractCode=NRSO&parkId=110536>

Book sites in Loop C - Sites #29-37 or #16-22

Each site has a non-refundable \$9.00 reservation fee.

Payment is due at the time of booking.

There is a \$10.00 cancellation fee.

You must have a horse at the campsite.

Max 5 people per site.

\$18.00 per night

Max 2 vehicles. Second vehicles in \$5.00 per night.

Dogs must be on leash or contained.

Please read all the rules for Groom Creek on the website.

Total fees:

\$18.00 per night X 2 = \$36.00

\$ 9.00 reservation fee

Total - \$45.00 plus extra vehicle (if you bring one)

If you have any questions, please ask.

See you soon!

Deanna Poppenberger

Cell 928-899-8350



SUMMER CAMPS

July 9- 13 MoYava Summer Camp

We anticipate filling all 80 camper slots very quickly. For this reason camp applications will be for 4-H members only unless space permits. Applications will be placed on a first come basis.

Check out this great [Camp Video \(link is external\)](#). Check us out on [Facebook \(link is external\)](#).



Mohave - Yavapai 4-H Summer Camp is July 9 – 13, 2017

Campers arrive 2:00 p.m. on the 9th and depart 11:00 a.m. on 13th

Regular Registration After May 15, 2017

Cost \$170.00 for all, no discounts available.
After June 3rd Application for Members/Campers

[4-H Camp Song Book 1](#)

[4-H Camp Songbook 2](#)

[4-H Camp Songbook 2 \(revised\)](#)

[Directions to camp](#)

[What to bring and not bring to camp!](#)



July 25-29 NRCWAY Workshop An exciting opportunity for you to explore the great outdoors and experience the thrill of a unique adventure. The 53 Annual Natural Resource Conservation Workshop for Arizona Youth is an interactive camp bringing together the latest in science and natural resource technology. Mingus Mountain, in the Prescott National Forest, is the setting for learning about water, soils, plants, and other natural resources. You will discover nature by conducting experiments and completing outdoor projects. A major focus will be on natural resource basics and management techniques. This is a hands-on workshop! Youth will have many opportunities to discuss natural resource issues. Various group activities such as fishing, hiking, swimming, volleyball & horseshoes will be available during your free time.



Youth entering grades 8-12 in the fall of 2017 are eligible to apply.

Youth must have an interest and desire to learn more about the environment in which we live. No applicant will be denied attendance because of financial need. Selection is made based on the merit of the application.

Chapter 1 - Discovering Horses

NICKERS, SNORTS & WHINNIES

Horses use body language to show people and other horses how they feel. In this activity, you will practice your observation skills and learn how to "read" horse body language.



Horses have many of the same emotions as humans. For each of the ten emotions in the boxes, mark the letter of the matching behavior listed below.

Behaviors

- A. Nose stretched out, soft look in the eye
- B. Head dropped, ears drooped, sluggish movement
- C. Head lowered, quiet expression
- D. Tight muscles, worried expression
- E. Ears pinned back, rapidly swishing the tail
- F. Ears pricked forward and looking intently
- G. Teeth bared, ears pinned back, charging a horse or person
- H. Looking away
- I. Head up, ears forward, ready to run, or jumping sideways
- J. Constant fidgety movement, sweating

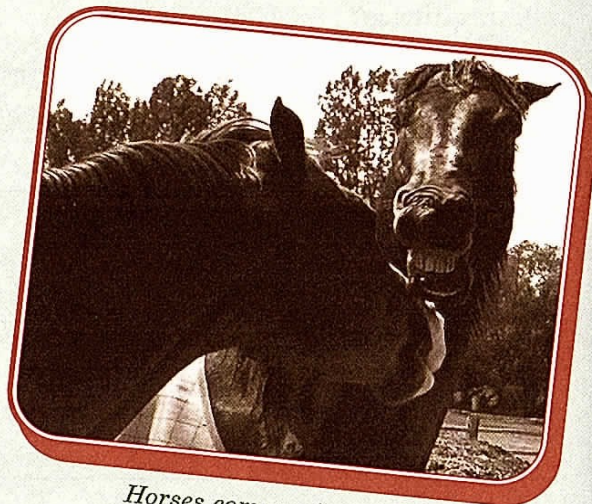
Behavior	Emotion

Horse Project Skill: Identifying horse behaviors

Life Skill: Problem solving

Educational Standard: NS.5-8.3 Life science – structure and function in living systems

Success Indicator: Describe common horse behaviors



Horses communicate and play with each other.



Visit a horse show or riding stable. Observe horses in several different settings (in their stalls, in the ring, being groomed, in a pasture). In the chart to the left, write down the behaviors you observe and then guess the emotions being expressed by the horse.

STABLE TALK

HORSIN' AROUND

How many different types of behavior did you see? What behavior surprised you the most?

BITS & PIECES

Why is it important to understand how horses show their feelings? What happens if you don't understand a horse's body language?

HORSEPOWER

What cues about your feelings do you send through body language? Describe how a person can show the same emotions listed for horses in this activity.

GALLOPING AHEAD

How can you improve your understanding of other people's body language?

SPUR YOU ON

1. Play charades with your family or friends using horse behaviors. See if they can guess what feelings you are demonstrating.
2. Write a story about a horse. Include several examples of the horse using body language and sounds to communicate. Share your story with your family or project helper.

Horse Talk
Withers

Written by Carmelita Lamb and Tony Lepley. Adapted by Leslie Prillaman and Ami Neiberger-Miller. Photos courtesy of Geri Parsons and the United States Department of Agriculture.

HORSE SENSE

Horse Body Language

Horses use their bodies to show other horses or people how they feel. Rapidly swishing or ringing of the tail can signal anger. When a horse lowers its head, licks and makes chewing motions, it is showing readiness to cooperate. If a horse raises its head up high and pricks its ears forward, it is checking out something that it thinks may be dangerous. Horses show affection to each other by standing side-by-side facing opposite directions and scratching the other horse's withers with their teeth. A horse can tell another horse to stay away or leave. It does this by laying back its ears, opening its mouth and showing its teeth or biting, turning its rear toward the other horse and lifting a hind leg, or by kicking and charging the other horse.

Horse Project Online
Saddle Up to the Internet
n4hccs.org

- ☐ Horse Sounds Online
- ☐ Understanding Horse Behavior



Understanding horse body language requires careful observation.



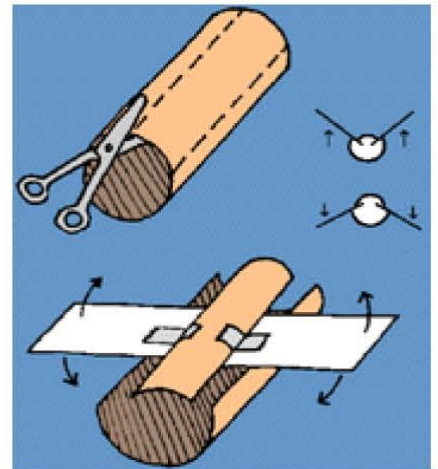
Beautiful Butterflies

Have you ever wondered how a butterfly fluttered?

Butterflies flap their wings by contracting the thorax (the body part where the legs and wings are attached).

Let's build a model to see how it works!

Materials: Cardboard Toilet Paper Tube
Index Card
Scissors
Clear Tape
Markers



Procedure:

1. Make 2 longitudinal cuts along the toilet paper tube. Cut the tube so there are two parts - one larger and one smaller.
2. Cut an index card in half and tape each half to an edge of the larger portion of the tube. Leave about $1 \frac{1}{2}$ inch overhang towards the middle of the tube.
3. Tape the edges of the smaller portion of the tube to the inner edges of the cards. Hold the tube (the thorax) with the smaller part of the tube on the top.
4. While holding the bottom tube section (the larger one), press down and then release the upper section. The index card "wings" will begin to flap up and down.
5. Decorate your butterfly!

Where are the wings of a butterfly attached?





Happy June Birthday to our certified volunteer

Lorie Timlick - Chino Valley Breakaway Latigos
4-H Club (June 30)

SUBMITTING TO CLOVER COMMUNICATOR

To all 4-H club leaders and members

If any clubs, youth, or leaders have any club updates, events, or 4-H stories they would like to share in the Clover Communicator please send them to me by the 25th of every month. We would love to hear what your club is doing in Yavapai County. Pictures are always welcome! In your information, include the 5 W's: Who, What, When, Where, and Why. If you are promoting a 4-H related event, also include contact information or how participants can get involved.

The Clover Communicator is published on the 4-H website AND the Yavapai County 4-H Facebook page. Many people look at the newsletter on the website and FB page to find out what clubs are doing and where they want to join. It's an excellent way to promote your club and members.

Send your information to lgerber@cals.arizona.edu and we'll include it in the Clover Communicator!

ListServ Reminder: Do Not Delete

The ListServ is used by the Extension office to send out important information to 4-H members and leaders. Please, do not delete anything before reading it if the mail is from the ListServ. We have had many complaints about community members not receiving any information about events, only to find out they never read the ListSers because they do not recognize who it is from. Any ListServ emails are sent by the 4-H programming staff. Please read, then delete! We greatly appreciate it!

Newsletter Printed Copy Subscription

All newsletters are emailed and also posted on the Yavapai County 4-H website under the newsletter tab. If you would like to receive a copy of the newsletter mailed to you, the cost is \$21 per year for an annual subscription of 12 issues (which is cost recovery only). Late subscriptions will not be prorated. The subscription year runs from October 1 through September 30.

Make checks payable to University of Arizona and mail to:

University of Arizona Yavapai County Cooperative Extension
2830 N. Commonwealth Drive #103
Camp Verde, AZ. 86322

Name _____
Address _____

The University of Arizona
Cooperative Extension, Yavapai County
840 Rodeo Dr., Bldg. C
Prescott, AZ 86305

Return Service Requested



**We would love to hear from you! Email your club's activities
to lgerber@cals.arizona.edu or submit by mail to:**

Lisa Gerber, Cooperative Extension, Yavapai County
2830 N. Commonwealth Dr. Suite 103, Camp Verde, AZ. 86322