



COLLEGE OF AGRICULTURE
AND LIFE SCIENCES
COOPERATIVE EXTENSION



CLOVER COMMUNICATOR YAVAPAI COUNTY 4-H NEWS NOVEMBER/DECEMBER 2017

Prescott Office

840 Rodeo Dr. Bldg. C
Prescott, AZ 86305
Phone: (928) 445-6590
Fax: (928) 445-6593

Camp Verde Office

2830 N. Commonwealth
Drive, Suite 103
Camp Verde, AZ 86322
Phone: (928) 554-8999
Fax: (928) 554-8996

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

Administrative Associate



October 31

November 1

November 1

November 3 - 5

November 8

November 9

November 10

November 10 - 12

November 11

November 23 - 24

November 30

December 25 - 29

December 27 - January 1

January 1

Club & Committee End of Year Report & Inventory Due

Deadline Lonesome Valley Re-Enrollment

EXPO Committee Meeting - 6:30 pm Shelby Hansen Room

Arizona State Horse Show - Queen Creek

Shotgun Safety Training - 7 - 9 pm 2864 W. Willow Oak Rd. Prescott

Horse Committee Meeting - 6pm Shelby Hansen Room

Extension Office Closed - Veterans Day

Shooting Sports Instructor Certification Course - Tucson

Shotgun Safety Training - 10 am -12 pm 2864 W. Willow Oak Rd.
Prescott

Extension Office Closed - Thanksgiving Holiday

Deadline Chino Valley Breakaway Latigos Re-enrollment

Extension Office Closed - Christmas Holiday

Arizona National Livestock Show

Extension Office Closed - New Year's Day



November 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	20	21	22	23	24	25
26	27	28	29	③①		

Issued in furtherance of Cooperative

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



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

Send any additions or changes to:

yc4h@email.arizona.edu

Member in Good Standing

Members who did not turn in a Record book to be judged in October, or did not include the **4-H Story** will be required to rectify the deficiency. Re-enrollments will not be approved without fulfilling this Member in Good Standing Requirement.

Please note: You are required to be a member in good standing to participate in any **4-H sponsored show or sale**.

Yavapai County 4-H Requirements to Remain in Good Standing

All 4-H members are required to meet the following minimum standards each year. Each club has the option of adding requirements to this list. If a club does add requirements they must notify their members in writing by the first 4-H meeting of the year. **A copy of the club's bylaws must be on record at the Cooperative Extension Office.**

1. Adhere to the expectations of the Arizona 4-H Code of Conduct.
2. Attend Community Club Meetings, Project Meetings and/or activities in compliance with Community Club's attendance policy. *A minimum of 6 meetings must be held per year, per club, per project. IE: Community Club must meet at least 6 times. Lamb project meeting must meet at least 6 times.
3. Participate in at least ONE 4-H community service event. *Please see definitions of community service.
4. Complete a 4-H project doing one's own work with minimal assistance from parents or others.
5. Give a club or county 4-H public presentation for each project enrolled in.
6. Participate in 3 recognized 4-H events throughout the year (local, county, state or national level). **Examples:** livestock judging (local/club level), MoYava 4-H Camp (state level), National 4-H Congress (national level), or 4-H/FFA EXPO or 4-H Horse Show (county level). Club and project meetings are not a part of the 3 recognized events.
7. Complete a 4-H record book and turn it in to your community club leader.

Community Service Defined

It is important to share kindness, but even more important to understand why youth or adults are sharing kindness. To help youth understand the difference between volunteerism, community service, service-learning and advocacy, here is a helpful guide adapted from University of Tennessee Cooperative Extension. It is encouraged that all leaders, parents, and adults also read and go over this with the youth in their clubs.

Service-learning is....

According to the National and Community Service Trust Act of 1993, service-learning is a method

NEW 4-H YEAR ENROLLMENT....continued

whereby participants learn and develop through active participation in thoughtfully organized service that

- Is organized in and meets the needs of a community;
- Helps foster civic responsibility;
- Enhances the educational component of the community service agency; and,
- Provides structured time for participants to reflect on the service experience.



In short, **service-learning** is community service that teaches volunteers about themselves and the world around them.

Service-learning is **NOT** the same as...

- **Volunteerism**- a term used to refer to people who choose on their own to perform some service for others without pay
Example: working concession stand at High School football game for free.
- **Community Service**- volunteering done in the community (sometimes done through a court order or sentencing program)
Example: cleaning the floors at the local YMCA.
- **Youth Service**- an umbrella term for all approaches to involving youth as resources in the community
 - **Experiential Education**- a broader term for various educational approaches that emphasizes learning by doing.

What doesn't count as any type of service?

The following should not be advertised to 4-H members as community service:

- **Bake Sales**- these are fundraisers for the club unless specified otherwise
- **Parades**- serve as an opportunity to promote and market 4-H and should be listed under Communications in record books
- **EXPO Tent Set-Ups**- whether they are for EXPO or scholarship set-ups, this is part of being a 4-H member and only benefits you as a member. This is not "lending your hands to larger service".
- **Petting Zoos**- Public relations, marketing and promotion of 4-H and should be listed under Communications. These are sometimes fundraisers as well.
- **Caroling**- If it is just listed in record books as 'caroling', it is not service. However, if there is more description: "Christmas caroling at local nursing home for elderly who do not have families to spend the holidays with." Then it is service.

In record books, 4-H members should describe all activities so the judges understand what they did. Simply listing the name of a park or writing 'bake sale' does not tell the reader anything except those activities are not service. However, if the description said, "Park clean-up at Memory Park to give the community a place to enjoy nature and socialize," or "Bake sale to raise money for the Children's Hospital of Phoenix so they can purchase blankets for sick children," then it would be community service.

This guide only briefly describes the differences between different types of service. The key to remember for any service project or activity is to ask these questions:

- Why are we doing this activity?
- How does it impact the community?
- Who will this impact or help?
- What will I learn? or What did I learn by participating in this activity?



If you cannot answer these questions, you should not do the activity as it is more than likely not service-learning or meaningful service. **You must understand the 'WHY' before you can learn from giving to others.**

What is Your Definition of Service?

People define service in many different ways. To help get your team or club "on the same page," here is a list of some examples of service. Study the list carefully. Rank the list from 1-14. Place a "1" next to the action that most closely represents your personal philosophy of what Service-Learning is. Place "2" next to the action that is the second closest to your philosophy of service, etc. Go over everyone's answers and discuss as a group.

- _____ Joining the armed forces.
- _____ Providing a dinner once a week at a homeless shelter
- _____ Talking with a friend.
- _____ Chaining yourself to an old growth tree as long as you can, so loggers will not take it.
- _____ Leaving your car and biking to work or school every day.
- _____ Giving \$50 to the United Way.
- _____ Walking a frail person across a busy street.
- _____ Giving blood.
- _____ Tutoring a person that cannot read.
- _____ Adopting an eight-year old boy.
- _____ Picking up trash in the neighborhood.
- _____ Hawaiian youth teaching tourists to say, "Mahalo."
- _____ Working as a legislative aide.
- _____ Donating canned goods to the local food drive

HAPPY BIRTHDAY TO OUR NOVEMBER & DECEMBER CERTIFIED VOLUNTEER LEADERS

November 2	Barbara Killian	Chino Valley Breakaway Latigos
November 11	Jennifer Corbitt	Triangle 4-H
November 21	Justin Stock	Chino Valley Breakaway Latigos
November 26	Robert Hanus	Shamrock Hustlers
November 29	Jodi Woodburn	Northern Division Livestock Club
December 13	Lonnie Ferguson	Camp Verde Cowboys
December 16	Maggie Reynolds	Lonesome Valley Wranglers
December 31	Dennis Dowling	Triangle 4-H

SHOOTING SPORTS

Countywide Shooting Sports Shotgun Program 2017-2018

We are pleased to be able to offer both a beginning and an intermediate-level shotgun program for youth enrolled in Yavapai County 4-H. The project is open to youth enrolled in any 4H club within the county.

Requirements Include:

- Completion of Shotgun Safety Training (will be offered on two dates, must attend one to continue in project)
- Age 9-18 (unless exception)
- Hearing Protection (for both youth and parent)
- Eye Protection (for youth and parent)
- Parent present at all shoots
- Notebook for tracking learning and progress at all shoots (can be project report format)
- Cost for beginners will initially be \$10/range session, increasing to \$12.50 per round beginning in January. Costs reflect actual supplies and range fees, and may fluctuate during the 4-H year.
- Copy of 4-H Medical Form

Location/Times:

- All shoots will take place at the Prescott Trap & Skeet Club, 10800 AZ-69, Dewey, AZ
- We will shoot the 2nd and 4th Sundays of the month, between 12 noon and 2pm.

Important Dates (thru Feb):

Nov 8 7-9pm Shotgun Safety Training, 2864 W Willow Oak Rd., Prescott
Nov 11 10am -12 noon Shotgun Safety Training, 2864 W Willow Oak Rd., Prescott
Nov 12 12 noon – 2pm, 4H Shoot, Prescott Trap & Skeet Club, 10800 AZ-69, Dewey
Nov 26 4H Shoot
Dec 10 4H Shoot
Dec 24 4H Shoot
Jan 14 4H Shoot
Jan 28 4H Shoot
Feb 11 4H Shoot
Feb 25 4H Shoot

Not Required:

- Your own shotgun, shot shells, or shooting vest
- Attendance at each shoot
- Membership in the Prescott Trap & Skeet Club

Notes:

- Experienced shooters will need to complete safety training and “try out” before advancing to Intermediate.
- Shotgun shooters will experience recoil, which affects people differently. There are pads on the end of the shotguns and in the shooting vests to help absorb this, but you still may experience some bruising/discomfort, even if you do everything right—but esp. if you do not hold the shotgun tightly to your shoulder.

If you have questions, please contact the 4-H Shotgun Leader: Auben Winters, email: aubenwinters@gmail.com, cell phone 925/765-5889



Introducing the New Online Quality Assurance Curriculum

Arizona is transitioning from

From: Youth Livestock Quality Assurance (YLQA) <https://cals.arizona.edu/ylqa/>

To: Youth for the Quality Care of Animals (YQCA). <http://yqca.org/>

The animal industry recognizes the public concern for the safety and well-being of animals, and is focused on providing a safe food supply to consumers. Youth for the Quality Care of Animals (YQCA) is a national quality assurance program for youth livestock producers aged 8 to 21. The YQCA program covers the seven, major species of food producing animals: beef cattle, dairy cattle, swine, sheep, goats, poultry, and rabbits. To assist various education levels with meeting the learning objectives, the curriculum content is targeted to four age groups: Junior (8-11), Intermediate (12-14), Senior (15-18), and Young Adult (19-21).

The online modules have three sections that make up approximately one-hour of training time including a content builder, skills lab, and a quiz. For each year's certification, youth will have topics focused on food safety, animal well-being, and life skills. The YQCA certification is good for one year and youth only complete it once annually regardless of the number of species shown.

YLQA workshops may continue to be offered through December 31, 2017. Certificates are valid until their expiration date.

Starting January 1, 2018, only YQCA certifications (online or instructor-led) will be offered.

Most fairs will continue to accept Arizona Youth Livestock Quality Assurance certifications until all currently valid certificates expire. Please make sure to check your county/state fair requirements to see if the show you want to enter has any additional requirements. Currently the YQCA is good for one year, however, a test out option where a member can test out until they age into the next age bracket should be available in late 2018.

YQCA is available as an online program for youth across the United States. YQCA in-person (instructor led) workshops are available from certified trainers. Only Extension personnel, FFA Advisors or Veterinarians are eligible to be certified to conduct an instructor led training. Volunteers can work with extension personnel or ag advisors to conduct an instructor led training. Members may go online and certify for \$12. Instructor led trainings

cost \$3 to get YQCA certified, plus any other additional cost for the training. Check with the training instructor prior to paying for an instructor led training. They may be able to provide you with a coupon code.

For YQCA - if you are currently a 4-H member you should sign in using your 4-HOnline FAMILY account login information to access the courses for the ACTIVE youth in your family. Only ACTIVE members will show in the drop-down menu for access to the course. This will link the two systems and allow your YQCA certification to show in your 4-HOnline profile. FFA and other youth livestock organizations members should login with the Independent Sign In.

You will need to be prepared to pay for the cost of the YQCA training when you register in the system. Only credit cards and coupon codes are accepted. If you are uncomfortable using a credit card for online purchases, find a friend or educator that will buy the coupon codes you need with their credit card and pay them back.

If you have questions about YQCA, please contact info@yqca.org. If you have issues with the system, registration, with your certification or any technical difficulties, please contact help@yqca.org. Your extension educator, ag teacher or other advisor may be able to help, but the YQCA team of dedicated support professionals will respond as quickly as possible to help you. For county specific questions please contact your county Extension office or your FFA advisor.



LONESOME VALLEY WRANGLERS 4-H NEWS

Lonesome Valley Wranglers 4-H Youth Brings Home Win at the AZ State Fair

Two youth members from the Lonesome Valley Wranglers 4-H group in Yavapai County participated in the Jersey Dairy Futurity Program at the State Fair October 18-21. Siblings Amanda and Wyatt Williams, selected their already bred Jersey heifers this past summer. They chose the Jersey breed, as it is the smallest of the dairy cow breeds and the cows are naturally sweet and gentle. These animals also produce the richest milk in sweetness and have the highest protein content. They worked hard teaching these heifers to be tame and how to walk with a lead rope for showing.

According to the Fair Rules, these heifers, soon to be cows, need to calve by this December so they are all competing at the approximately the same age. After they give birth these Cows will be producing nutritious, delicious milk!



Wyatt won the Grand Champion cow with his bovine companion, Nutmeg. Wyatt also showed off his livestock judging skills by winning the Dairy Livestock Judging contest. In this contest, 4-H youth members are the judges, and they have to select the best of four cows in several different breeds of cows and goats. Oral reasoning is a part of these judging events and is where the youth must justify and determine why they judged the animals the way that they did as they rank the livestock from most desirable to least desirable traits and orally tell a judge these reasons.

Wyatt and Amanda want to make known their appreciation for the encouragement and support they received from all the friendly families and 4-H Clubs at the Arizona State Fair. Especially to the "Odyssey 4-H club's parents and youth members" from Buckeye, Arizona, who were very supportive, shared their knowledge generously and gave a lot of encouragement to Amanda and Wyatt to participate at the Arizona State Fair. Amanda and Wyatt also extend a special thank you to the "Moss Family and their Mountain Shadow Dairy" for their help in locating and learning how to care for and manage these beautiful animals.

Two other Lonesome Valley Wranglers' 4-H members, also siblings, Cort and Claire Tomerlin, experienced their very first Market Livestock Judging Contest at the Arizona State Fair. In this contest, Cort and Claire had to select and place, from the best conformation to the least desirable, four market animals in each category of Beef, Lamb, Goat, and Swine. Cort did very well in his age division for it being his first time judging market animals. His younger sister, Claire, won second place in the Pee Wee judging contest and won 5 ribbons!

Lonesome Valley Wranglers is a 4-H Club located in Yavapai County. Their club's key leaders are Veronica Kennedy and Angela Teskey Peterson. Amanda Williams is this year's Club Reporter. Wyatt Williams is this year's Club Treasurer.

Congratulations to our local club members representing our community at the AZ State Fair!

Submitted by Lonesome Valley Wranglers Club Reporter, Amanda Williams

SMALL STOCK EDUCATION

The Colorado River Small Stock Show will be here before you know it! Test your knowledge by answering the questions below.

Colorado River Small Stock Show

POULTRY QUIZ

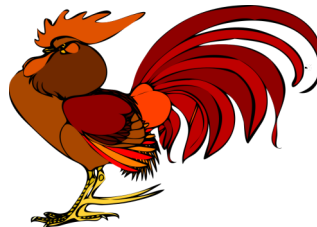
DO NOT WRITE ON THIS QUIZ! Use the Answer Sheet!

TRUE OR FALSE: Mark A for True and B for False

1. Mature hens grow spurs on the back of their legs
2. A chicken coop should be designed to allow 2 square feet per adult bird
3. There are more than 150 breeds of chicken
4. It takes 23-32 hours for a hen to form an egg
5. Eggs are not a good source of protein

MATCHING: Match the term with the correct definition.

- | | |
|--------------|---|
| 6. Crop | A. A female chicken less than a year old |
| 7. Roaster | B. A male turkey |
| 8. Tom | C. The enlarged part of the gullet |
| 9. Pullet | D. A young, meat type chicken |
| 10. Bantam | A. A group of chickens living together |
| 11. Cockerel | B. A male chicken less than one year old |
| 12. Comb | C. The fleshy part on the head of a chicken |
| 13. Flock | D. Miniature chickens |
14. Which of the following is not a type of poultry comb:
A. Strawberry B. Straight C. Pea D. Single
15. Mareks disease is caused by:
A. Virus B. Bacteria C. Worm D. Lice
16. How many weeks of age is a pullet when they begin to lay eggs:
A. 20-24 B. 16-20 C. 18-20 D. 22-24
17. Poultry rations contain 5 basic nutrients: Protein, energy, minerals, vitamins and:
A. Water B. Carbohydrates C. Corn D. Oyster shell
18. There are 3 types of wing feathers: the primaries, the secondaries and the:
A. Coverts B. Barbules C. Flight D. Contour



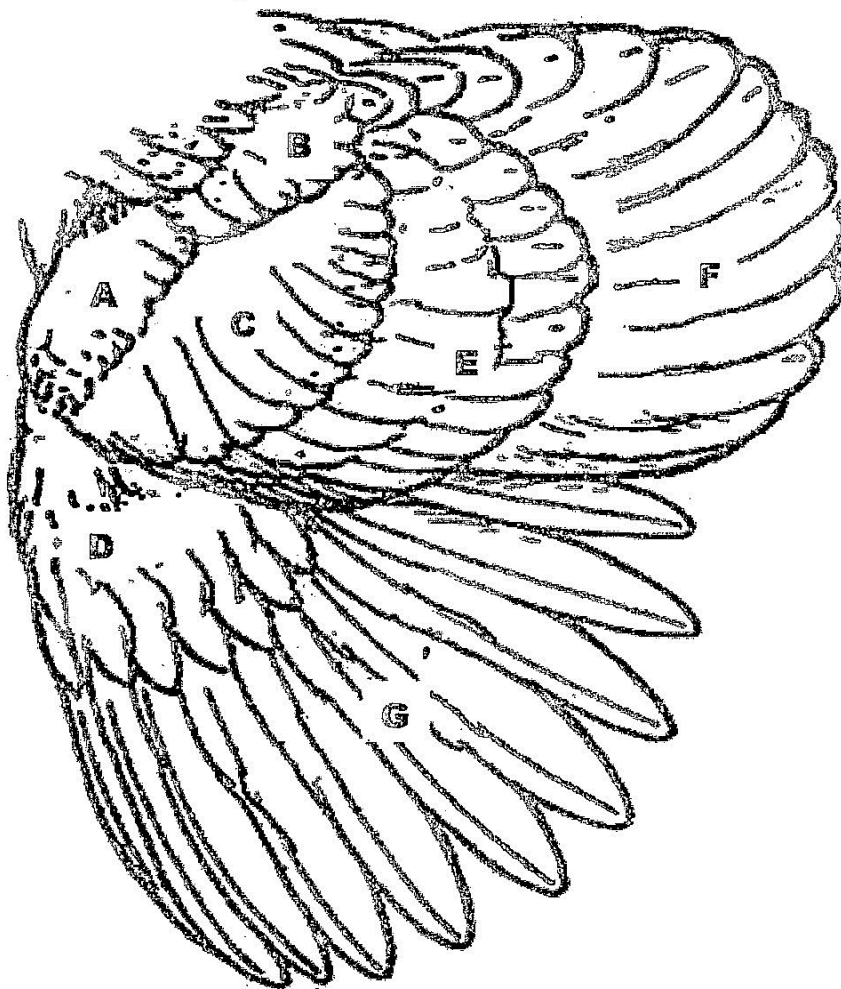
Colorado River Small Stock Show

POULTRY QUIZ

DO NOT WRITE ON THIS QUIZ! Use the Answer Sheet!

MATCHING: Match the letter of the correct wing part to the number on the answer sheet. For example, if you think that wing part B is the Bow, you would write B on line 26.

- 26. Bow
- 27. Primaries
- 28. Bar
- 29. Secondaries
- 30. Coverts
- 31. Front
- 32. Shoulder





Know how. Know **now**.

Electricity

Brief Description: Have you ever wondered what makes the lights work? In this session you will learn just that! Youth will explore the basic principles of electricity by completing three activities. The culminating project will be using potatoes for power.

Grade Level: K-2

Materials List:

Electricity 1 - Magic of Electricity 4-H Curriculum

Acres of Adventures 4-H Curriculum

Science Kids - Static Electricity Experiment- sciencekids.co.nz/experiments/staticelectricity.html

Anticipatory Set- (Static Electricity Experiment)

2 inflated balloons with string attached, your hair, aluminum can, woolen fabric

Plugging In

Flip Chart, marker

Bright Lights

D- cell battery, flashlight bulb, aluminum foil

Potato Power

3 potatoes, 3 paper clips, 3 copper pennies, 4 alligator clip test leads, 2.5 LCD clock or 1.5 volt LED

Book Suggestions:

Switch On, Switch Off by Melvin Berger

When Charlie McButton Lost Power by Suzanne Collins

Time Needed: 1 hour

Nebraska 4-H Learner Outcome:

Youth will develop positive interests and attitudes about science and science related careers.

Youth will develop science skills and abilities.



Extension is a Division of the Institute of Agriculture and Natural Resources at the University of Nebraska–Lincoln cooperating with the Counties and the United States Department of Agriculture.

The 4-H Youth Development program abides with the nondiscrimination policies of the University of Nebraska–Lincoln and the United States Department of Agriculture.



Lesson:

Anticipatory Set: Static Electricity Experiment (Science Kids)

- This activity can be done in large groups, small groups or individually. It is a great way to get them thinking about electricity.

Activities:

- 1) Read *Switch on, Switch Off or When Charlie McButton Lost Power* 15 minutes
- 2) Plugging In 15 minutes
 - Magic of Electricity Manual page 6
 - Brainstorm a list of your favorite activities. List at least 10; put a check mark next to those that need electricity to work. Remember if the activity uses batteries it is using electricity.
- 3) Bright Lights 15 minutes
 - Magic of Electricity Manual page 10
 - During this simple activity youth will explore the connection that is needed to make a light bulb light up.
- 4) Potato Power 15 minutes
 - Acres of Adventure Manual page 66
 - Let groups create and test circuits using potatoes. You can extend this lesson by experimenting with various types produce.

Reflection:

Think-Pair-Share: Think of one thing you discovered about electricity from this session and one question that you still have. Pair up with a friend and share.

Wrap-Up:

Share examples of 4-H Electricity projects from your county.

Extension:

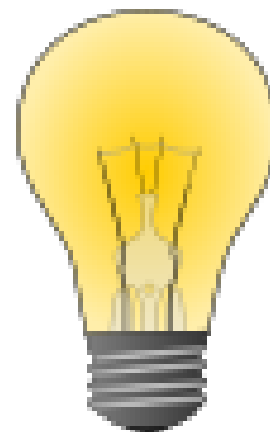
3 Penny Batteries

<https://www.youtube.com/watch?v=rIdPfDHeROI>

Invite a local electrician to come and present to your group

Submitted by:

Ann Fenton, Sonya Glup, Jennifer Hansen, Lisa Kaslon, and Jackie Steffen.



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 ListServes because they do not recognize who it is from. Any ListServ emails are sent

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 _____
City, State, Zip Code _____

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