



THE UNIVERSITY OF ARIZONA
COLLEGE OF AGRICULTURE & LIFE SCIENCES

Cooperative Extension



CLOVER COMMUNICATOR YAVAPAI COUNTY 4-H NEWS FEBRUARY 2022

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)

Claire Oberst, PhD
Associate Agent
4-H Youth Development

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

Administrative Associate



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|--------------------------|--|
| February 1 | National Youth Summit Series - Agri-Science Summit
Registration Deadline https://shop4-h.org/products/2022-national-4-h-youth-agri-science-summit-march-10-13-2022 |
| February 1 -
July 15 | STEM Project - Ag Innovators Experience (AIE)
https://extension.arizona.edu/4-h-stem |
| February 9 | Dorrance Program Scholarship Phase 1 Registration Deadline
www.dorrancescholarship.org |
| February 10 | Registration Deadline - Underwater Robotics Project
Contact Claire Oberst if interested@ coberst@arizona.edu |
| February 11 | Registration Deadline - 4-H Shooting Sports Education State
Match https://extension.arizona.edu/events/2022-02-25/arizona-4-h-shooting-sports-education-state-match |
| February 14-May 7 | Underwater Robotics Project begins |
| March 1 | Registration Deadline - 2022 Arizona 4-H Stock Show and Expo -
Pima County Fairgrounds https://extension.arizona.edu/arizona-4-h-livestock-show |
| March 4 - 6 | 2022 Arizona 4-H Stock Show and Expo - Pima County
Fairgrounds https://extension.arizona.edu/arizona-4-h-livestock-show-expo |
| April 30 | Community Service Opportunity: Heritage Park Zoological
Sanctuary 10am - 4pm |
| May 7 | State Underwater Robotics competition in Tucson....stay tuned! |
| June 26 - July 1 | Citizenship Washington Focus https://4-h.org/parents/citizenship-washington-focus/ |
| August 2 -
October 15 | Greenhouse Sustainable Energy Engineering Design Camp
https://extension.arizona.edu/greenhouse-sustainable-energy-engineering-design-seed-project |
| September | Yavapai County Camping-Skills Overnight at James 4-H
Camp...stay tuned! |

Follow 4-H

State Instagram: [uarizona4h](https://www.instagram.com/uarizona4h)
County Instagram: [yavapaicounty4h](https://www.instagram.com/yavapaicounty4h)
State Facebook: <https://www.facebook.com/arizona4h>
County Facebook: <https://www.facebook.com/YavapaiCo4H>

Issued in furtherance of Cooperative Extension work, acts of May 8 and June 30, 1914, in cooperation with the U.S. Department of Agriculture, Dr. Edward C. Martin, Associate Dean & Director, Extension & Economic Development, Division of Agriculture, Life and Veterinary Sciences, and Cooperative Extension, The University of Arizona. The University of Arizona is an equal opportunity, affirmative action institution. The University does not discriminate on the basis of race, color, religion, sex, national origin, age, disability, veteran status, sexual orientation, gender identity, or genetic information in its programs and activities.

Claire's Corner

Dear 4-H

Unfortunately for the 2021-2022 4-H year, there is not an official Memorandum of Agreement (MOA) between the University of Arizona 4-H program and Yavapai County Fair in Prescott or Verde Valley Fair. This formalized and signed agreement is what spells out the details of collaboration between the legal entities and how 4-H members and leaders and fair personnel will interact within the values and mission of the program. You may contact either fair to determine what you need to do to exhibit in open class and participate in their auction if you have animals. This means that 4-H logos, emblems, show outfits, etc. that imply 4-H are not be displayed at the fair in stalls, during show activities, livestock auctions, in the general exhibits areas and the like. There will not be a 4-H section in the fair book or as an appendix.



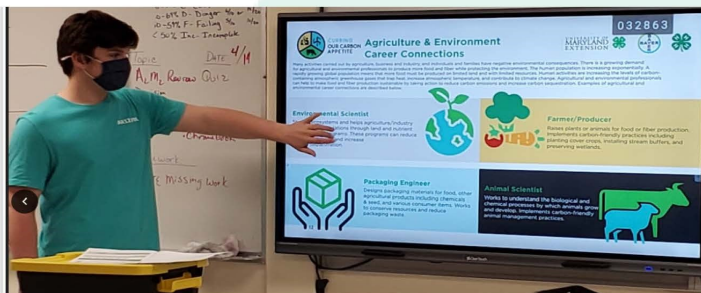
I am seeking certified 4-H volunteer leaders to join the Yavapai County 4-H Leaders Council, 4-H Livestock Committee, Small Stock Committee and Horse Committee. We are rebuilding the community infrastructure of 4-H in the county to grow the program in a positive and sustainable way. Please contact me if you are willing and able to help "make the best better" for Yavapai County youth. By strengthening the volunteer leadership infrastructure, we can begin to offer youth life skills and other learning opportunities to last a lifetime.

Sincerely,
Dr. Claire Oberst

2022 STEM Projects

4-H Member projects (6th Grade-12th Grade)

Teachers and adult family members are welcome to participate to become certified 4-H volunteers
To register and for more info scan the barcode on each project



Ag Innovators Experience (AIE)

This year's Ag Innovator's Experience will have a challenge that youth leaders will be trained on and share with the community through activities and presentations. Last year's theme was "Curbing Our Carbon Appetite".

February 1 - May 25, 2022



Underwater Robotics Remotely Operated Vehicles (ROVs)

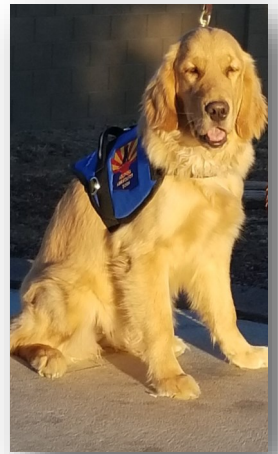
The Underwater Robotics project introduces youth and adults to an innovative ROV program that engages learners in the engineering design process focused on real-world challenges. Youth and adults collaborate in small teams and engage in circuitry, soldering, and how to build an ROV. Teams compete in a Marine Advanced Technology Education (MATE) regional competition.

February 14 - May 7, 2022

RESOURCES & ACTIVITIES

New 4-H Assistance Dog Project Club

Do you love puppies and dogs and helping to serve others? Have you ever wondered what it's like to train a dog to work with children and adults with disabilities? Well, wonder no more - you're in luck! Arizona Assistance Dogs is starting a new 4-H Project Club just for that! Existing and new members are invited to participate. You will learn how training an assistance dog starts from Day-1 of a puppy's life, the anatomy of a dog, genetics, temperament, cues and behaviors and so much more! This is a hands-on adventure, using our pups-in-training. Join us and let's have fun!



Note, this club is currently in the chartering process, if you or someone you know is interested, please contact yc4h@arizona.edu to be put on the contact list for this project/club.



Citizenship Washington Focus (CWF) is a week-long summer program in Washington DC where high school students learn about government and citizenship. [This is an event for which copies of Record Books are sent to the state office, from which Delegates are selected and sponsored by the Arizona Youth Foundation.](#) If you would like to be considered, please let us know ASAP!

Experience Washington Like Never Before

Through Citizenship Washington Focus (CWF), teens experience Washington D.C. like never before. Using the nation's capital as their classroom, CWF connects emerging leaders from across the country to gain skills and experiences to become effective change agents.

To learn more, visit <https://4-h.org/parents/citizenship-washington-focus/>



citizenship
WASHINGTON FOCUS



2022 ARIZONA 4-H STOCK SHOW AND EXPO

MARCH 4TH-6TH AT THE PIMA COUNTY FAIRGROUNDS

The Arizona 4-H program is excited to announce the inaugural Arizona 4-H Livestock Show and Expo! The event will be a convening of agricultural youth who participate in large and small livestock projects. Youth from across the state will have a chance to grow, learn, practice, and showcase their knowledge at the Arizona 4-H Livestock Show and Expo through exhibition and knowledge contests. Clinics will also be provided to help youth to grow in their project Mastery.

LIVESTOCK COMPETITIONS

- CATTLE
- SWINE
- DAIRY COW
- CAVY
- CHICKEN
- LAMB
- GOAT
- DAIRY GOAT
- RABBIT

KNOWLEDGE CONTESTS

- UoFA LIVESTOCK JUDGING CONTEST
- QUIZ BOWL
- HORTICULTURE

LIVESTOCK CLINICS LARGE & SMALL STOCK

**BARN DANCE
SATURDAY AT 6:30PM**

**4-H AWARD
CEREMONY
SUNDAY AT 5:30PM**

EMAIL: AZ4-HSTOCKSHOWANDEXPO@OUTLOOK.COM - FACEBOOK/INSTAGRAM @AZ4HSTOCKSHOWANDEXPO

DORRANCE SCHOLARSHIP PROGRAMS

Providing academic and financial support to Arizona's first-generation college students



Class of 2022 Deadline:
Feb. 9, 2022

Apply Online



Dorrance Scholarship:

\$12,000

per academic year



Paying for College

The program includes a **\$12,000 scholarship** per academic year for four years. The total program is valued at approximately **\$100,000**.



Succeeding Academically

Dorrance Scholars receive more than funding for college. Recipients attend an **Orientation** and a **Summer Bridge** experience to prepare for college academics. A dedicated **advisor** meets with students regularly and **tutoring** is available if needed.



Building Camaraderie

International travel, an **innovation** experience, and cultural **enrichment** events are designed to help round out the college experience.

Questions? Contact us:

www.DorranceScholarship.org

480.405.2410

Dorrance@DorranceScholarship.org

RESOURCES & ACTIVITIES



Important Dates

In order to submit an eligible application, complete the following by:

Recommended FAFSA application completion:

■ **January 14, 2022**
_____ and _____

ASU, NAU, or UA Admission and on-campus housing application:

■ **November 2021 - February 2022**
_____ and _____

ACT registration dates:

■ **September 17, 2021**
■ **November 5, 2021**
_____ or _____

SAT registration dates:

■ **October 8, 2021**
■ **November 4, 2021**
_____ or _____

CLT registration dates:

■ **September 30, 2021**
■ **October 11, 2021**
■ **November 29, 2021**
■ **January 3, 2022**
_____ or _____

PSAT:

■ **Submit 2019 or 2020 PSAT scores**

You may be eligible if you:

- Are an Arizona resident and a current senior at an accredited Arizona high school
- Will be a first-generation college student (neither parent, stepparent, or legal guardian holds a four-year degree)
- Have a minimum cumulative 3.0 GPA (weighted or unweighted) AND minimum test scores of 1110 SAT, 22 ACT, 72 CLT, or 1050 PSAT (PSAT scores taken during your sophomore or junior year)
- Demonstrate financial need by completing the FAFSA
- Are accepted by one of Arizona's three state universities and agree to live in on-campus housing during freshman and sophomore year

2022 Scholarship Deadlines

Oct. 1, 2021 Dorrance Scholarship application opens online 10:00am

Feb. 9, 2022 Dorrance Scholarship Phase I deadline: 4:59 pm
Online form and supplemental materials due

Mar. 9, 2022 Dorrance Scholarship Phase II deadline: 4:59 pm
Writing samples and recommendation forms due

Apr. 2022 Finalist interviews

May 1, 2022 Scholarship recipients announced

More information about the application and each step can be found at www.dorrancescholarship.org.

Title: Counting Coins

Goals of this lesson:

Youth will:

- discover the difference between various coins
- learn that different coins have different values

What You Need to Know: penny=1 cent, nickel=5 cents, dime=10 cents, quarter=25 cents, half dollar=50 cents, dollar coin=100 cents

Materials Needed:

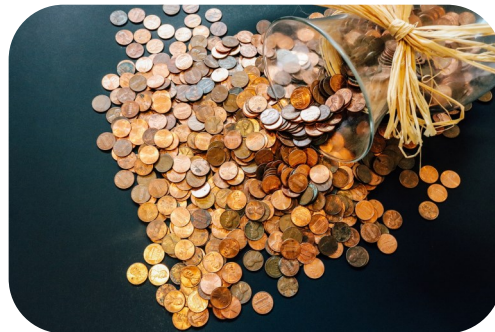
A pile of mixed coins making sure to have at least one of each type of coin

Paper, pencils, colored pencils, or clay

Animal crackers and other store items

Learning Activity:

1. Have the youth separate coins into like piles (all the pennies in one pile, all the nickels in another, etc.). Have them count the number of coins in each pile. If the youth are older, have them total up the amount of all the coins.
2. Have the youth select one or two coins and do a coin rubbing by taking a sheet of white paper and placing the coin beneath it. Use a colored pencil or regular pencil and lay the lead flat against the paper on top of the coin and have the child rub it until the image of the coin appears. You may also use clay and mold it around each coin. Discuss the difference between the coins asking some of the following questions:
 - a. What color is the coin?
 - b. Does it have a rough edge?
 - c. Which coin is largest or smallest?
 - d. What do you see on the coins (presidents, buildings, trees, etc)?
3. Give the child five pennies and one nickel. Have the child “buy” five animal crackers together with the nickel and then singly with a penny each. Set up other play store opportunities at home where the youth can buy different items using different coins.



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.

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Other Fun Things to Do:

- Visit the store and give the child 50 cents or a dollar and let the child purchase an item.
- Have the youth count items as they are put into the cart.
- Save money in clear containers so they can see it increasing.
- Conduct a treasure hunt for coins in a room at home. Sort into like piles and count.

Read a book:

- Williams, Rozanne L. 2001. **The Coin Counting Book**. Charlesbridge Publishing. ISBN: 0881063266. This unique book offers the young reader the opportunity to see the coins in detail and to appreciate their value. The book begins with counting pennies in relation to a nickel and then to a dime. Then nickels and dimes in relation to quarters; all denominations in relation to a fifty cent piece; and finally how many coins does it take to make a dollar. Every option for pennies, nickels, dimes and quarters is illustrated in words and numbers. The coins are written in words and numbers next to their "realistic" portrayal. The end of the book puts the coins in vertical stacks with their value. This book is a good way to introduce simple math to children.
- Chizuwa, Masayuki. 2007. **My First Book of Money: Counting Coins**. Kumon Publishing. ISBN-13: 9781933241425. If your child can add numbers up to 100, and is familiar with the concept of money, then this workbook will build on that foundation. Use this book as a fun and easy introduction to coins and their value, which will help strengthen your child's mathematical skills.

Written and submitted by: Leanne Manning, Extension Educator



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