



THE UNIVERSITY OF ARIZONA
COLLEGE OF AGRICULTURE & LIFE SCIENCES



Cooperative Extension

CLOVER COMMUNICATOR YAVAPAI COUNTY 4-H NEWS NOVEMBER 2021

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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
4-H/STEM
Program Coordinator, Sr.

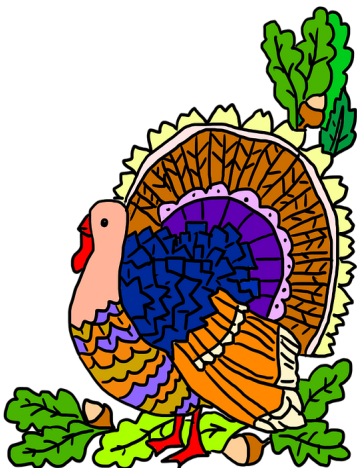
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|----------------------------|---|
| November 5 | Shooting Sports Instructor Certification Course
Application Deadline https://docs.google.com/forms/d/e/1FAIpQLSfXHk9o53kFzetRyBSLogDqgowhA5ME6PTOMN3Kljd1ShNHw/viewform |
| November 11 | Veteran's Day - Extension Offices Closed |
| November 20 | Shooting Sports Instructor Certification Course - Tucson |
| November 20 | Santa Cruz/Cochise Dual County Invitational Horse Show Register: www.SonoitaFairgrounds.com |
| November 25 - 26 | Thanksgiving Holiday - Extension Offices Closed |
| December 27 - 31 | Arizona National Livestock Show
https://www.anls.org |
| December 30 -
January 2 | Arizona National Horse Show
https://www.anls.org/horseshow/ |
| January 3 -
March 4 | STEM Project - Robotics
https://extension.arizona.edu/4-h-stem |

Administrative Associate



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>



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Please extend a big 4-H welcome to our new Associate 4-H Agent, Claire Oberst.

M. Claire Oberst, Ph.D., holds degrees pertaining to environmental and outdoor education as well as experience in program development, implementation, and evaluation. She also has experience with fundraising, and grant writing.

She is new to 4-H so we are anxious both to introduce her to Arizona's positive youth development program as well as grow from her fresh perspective.



A message from Claire

*Hello 4-H Club and Project Leaders,
I look forward to meeting each of you, discovering the history and your vision for the future of 4-H in Yavapai County. This meeting can be in the form of a phone call, zoom, here at the office, or on your turf. I will be reaching out to Club leaders to start this conversation very soon to see what works best for you.
Claire Oberst*

Welcome Claire!

RESOURCES & ACTIVITIES



Arizona 4-H is proud of our long term partnership with the Arizona National Livestock Show (ANLS) and Horse Show (ANHS). The Arizona National provides us high quality contests for several educational events. These events serve as the qualifying contest to form teams that represent Arizona 4-H at National Contests. 4-H members who want to be eligible to represent Arizona at National level contests need to be members in good standing at the time of these competitions.

Arizona National Horse Show (ANHS), December 30- January 2 (tentative), 2022 hosts the Horse Judging contest.

Arizona National Livestock Show (ANLS), December 27-31, 2021 hosts the following contests: [4-H Creed Speaking](#), Livestock Judging, and Livestock Skill-A-Thon. To learn more about the specifics of each contest and how to register visit [Arizona National](#).

RESOURCES & ACTIVITIES

Arizona Cooperative Extension has developed a plan to bring back in-person programming in phases. The phases are dependent on several health-related factors with regard to COVID-19 infection and transmission. The plan has been vetted and approved by University of Arizona leadership and began execution on Monday, August 17th, 2020.

Yavapai County is currently in Phase 3

Phase	Extension workforce	Indoor programming	Outdoor programming	Face coverings	Social distancing	Facilities
Phase 3 (Optimized)	Optimized workforce and telework	No size restrictions	No size restrictions	Follow UArizona policy and guidelines	Maintain 6-foot is strongly recommended. Maintain hand hygiene, sneeze and cough etiquette.	Increased cleaning and disinfecting. Common areas open.

HAPPY BIRTHDAY TO OUR 4-H VOLUNTEERS

Jennifer Corbitt

November 11

Triangle 4-H Club



RESOURCES & ACTIVITIES

SANTA CRUZ COCHISE
DUAL COUNTY INVITATION
Youth Horse Show
Saturday, November 20, 2021
Santa Cruz County Fairgrounds

OPEN TO ALL AZ YOUTH AGES 9 TO 18*

Check in 7am, Start at 8am

DIVISIONS

Rookie: Walk/Trot - Open

Junior: Ages 9-13

Senior: Ages 14-18

* Age as of 1/1/2021

CLASSES INCLUDE:

SHOWMANSHIP, WESTERN PLEASURE, EQUITATION, RANCH RIDING, REINING, TRAIL, BAREBACK, BARRELS, POLES, AND GOAT TYING

OVERALL PRIZES FOR EACH DIVISION
High Point Buckles
Reserve High Point Award
2nd Runner-Up High Point Award
PLUS
Western and Gymkhana Awards



\$5 per Class
or
\$35 for All Classes

2021 SHOW LIKE A BOSS

Register online at www.SonoitaFairgrounds.com

For questions, email BrushPoppers4HClub@gmail.com or call Kristin at 520-909-8307.

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.

UPCOMING EVENTS



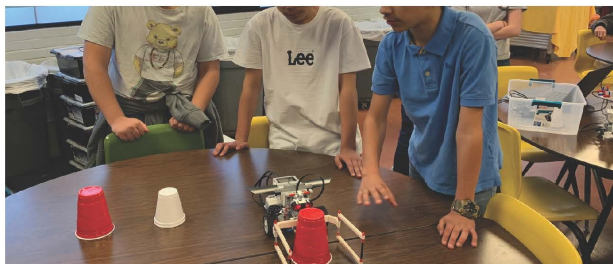
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2021-2022 STEM Projects

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



Robotics

The Robotics project introduces youth and adults to engineering and computer programming to design, build, and program small-scale Lego robots. Youth and adults collaborate in small teams and engage in learning to code a LEGO EV3 MINDSTORMS robot and develop engineering, technology and problem-solving skills. Teams compete in a state-wide competition.

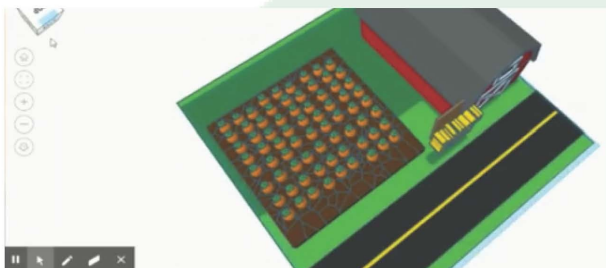
DATE Jan 3 - Mar 4 , 2022



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.

DATE Feb 14 - May 27, 2022



Augmented Reality (AR)/ Virtual Reality (VR) Floating Farm

The AR/VR Floating Farm project introduces youth and adults to augmented reality (AR) and virtual reality (VR) by creating a virtual Floating Farm. Youth and adults collaborate in small teams and engage in designing and creating their own farms in AR and VR to present their work at a student showcase to family and friends.

DATE Oct 18- Dec 17 2021



Greenhouse Sustainable Energy Engineering Design (SEED) Camp

The Greenhouse SEED project introduces youth and adults to building their model scale greenhouse that engages learners in the engineering design process, applied math, scale perspectives, and the concepts of sustainable energy such as solar and wind. Youth and adults collaborate in small teams and engage in circuitry, soldering, and model construction.

DATE Aug 2 - Oct 15, 2021 (postponed)

Visit us at <https://extension.arizona.edu/4-h-stem>

UPCOMING EVENTS



THE UNIVERSITY OF ARIZONA
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STEM Ambassadors

Become a County-level STEM ambassador and share your STEM skills and enthusiasm with others. 4-H STEM Ambassadors will learn new STEM engagement activities and become a catalyst of knowledge to their community. Each ambassador will receive a toolkit of materials for promoting STEM programs in 4-H.

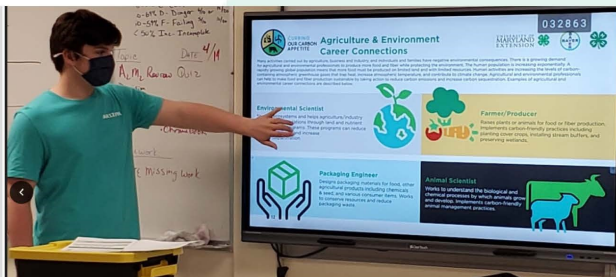
DATE Oct 22, 2021 - May 27, 2022



Tech Changemakers

National 4-H Console addresses the digital gap with the tech change makers program, empowering teens to lead digital skills training for adults in their community. The tech change maker program empowers teens and adults to take control of digital literacy and economic prosperity in their communities.

DATE Aug 1, 2021 - Mar 20, 2022



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".

DATE Feb 1 - July 15, 2022



4-H STEM Challenge 2021: Galactic Quest

This year's 4-H STEM Challenge "Galactic Quest", kids engage in the following activities: Astro Adventure, Stellar Optics, Cosmic Claw, and Cyber Satellite. Open to teachers, youth and community clubs.

DATE Oct 1, 2021 - May 20, 2022



4-H STEM
YOUiversity

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:

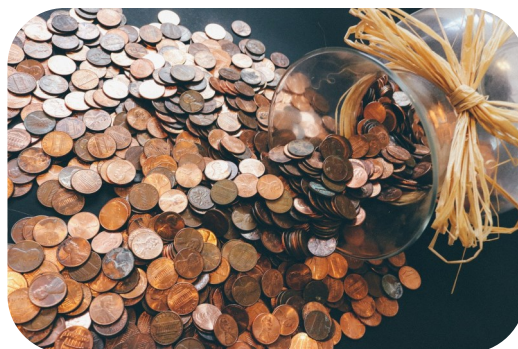
A pile of mixed coins making sure to have at least one of each type of coin

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.



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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

Date: October 20, 2010



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