

4-H FUTURES & FEATURES

December 2023



4-H Council

Chairman: Brycen Epperson

1st V-Chairman: Nicky Price

2nd V-Chairman: Gavin Greer

Secretary:

Reporter:

Delegates at Large: Collin Campbell
& Andrew Schantin

CLUBS

North Fork Delegates

President - Gavin Greer

Council Delegate - Angelique Ritchie

Top of Texas Archery Delegates

President - McKinley Clark

Council Delegate - Angelique Ritchie

North Fork Club Managers

Christy Campbell

Top of Texas Archery Managers

Karen Schantin

Clover Kids Club Manager

Joan Gray-Soria

PARENT - LEADERS

Chairman:Zack Greer

Vice-Chairman:

Secretary:Krista Clark

Treasurer:Karen Schantin

Co-Treasurer:Brenda Green

2023

Christmas Party



This year's Gray County 4-H Youth Council is sponsoring a "Merry Grinchmas" Christmas Party at the Gray County Annex on

Tuesday, December 19th at 6:00 p.m.

All Gray County 4-H Members and their families are invited to wear ugly sweaters for the Ugly Christmas Sweater Contest. There will also be a photo booth, crafts, games, treats for hot cocoa, and appetizers.

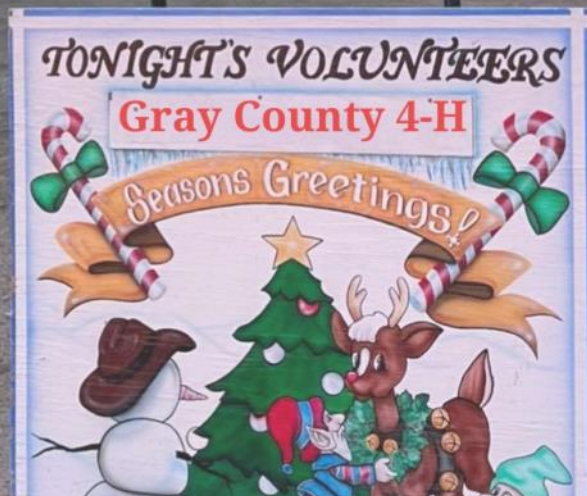
Boys bring savory and girls bring sweet snacks.



County-Wide Community Service

Gray County 4-H members and families will be collecting donations on Tuesday, December 12th from 6:00 - 10:00 at Pampa's Recreation Park for the Celebration of Lights. There are still a few 45 minute time slots available. Please call the Extension Office to sign up.

Remember to dress in warm clothing



Club Community Service

OPEN TO EVERYONE



The North Fork Club Winter community service is to help the animals in need by bringing fleece blankets, toys, peanut butter and wet cat and dog food to the Christmas party to donate to P.A.W.S, the Pampa Animal Welfare Society.

The Top Of Texas Archery Club Winter community service is to help the children in need by assembling the meal bags at Snack Pak 4 Kids on Monday December 11th at 6:50 p.m. at the Pampa ISD Administration Building.

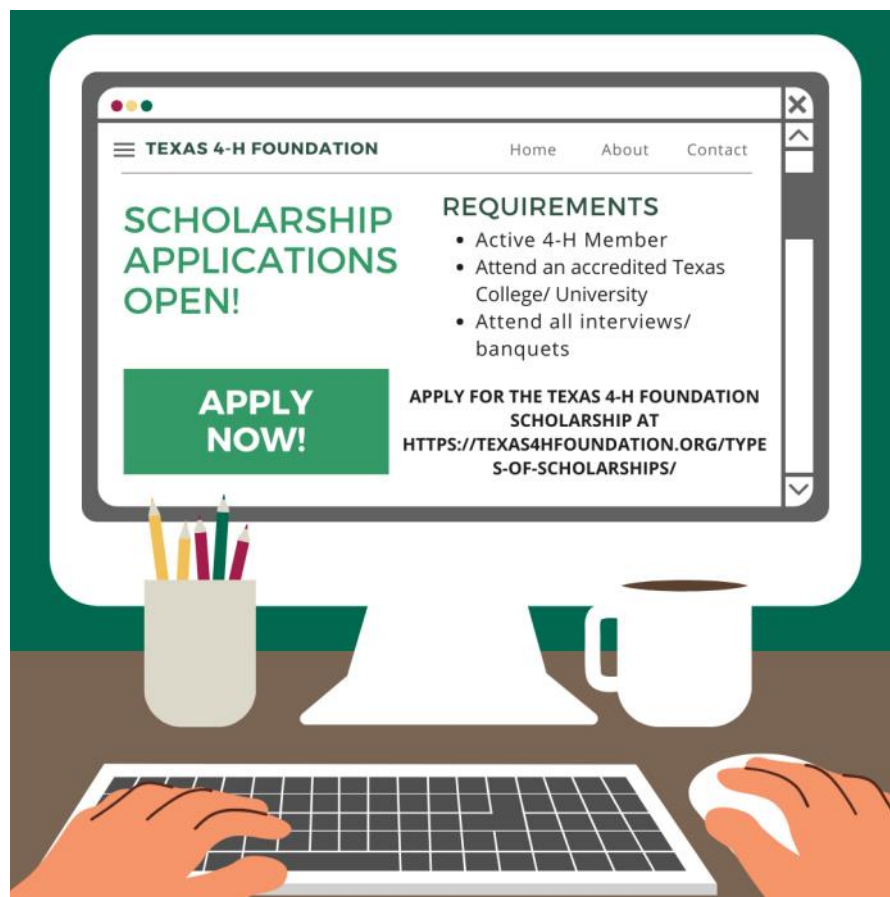


2023 Texas 4-H Foundation Opportunity Scholarship

Whether you are a life-time 4-H member, or just became a member in high school, the earning of a 4-H Foundation Scholarship is where all of your experience, volunteer hours, competitions, and hard work literally pay off! Texas 4-H Opportunity Scholarships are academic scholarships awarded each year to applicants based on their academic record, 4-H experience, and financial need. Thanks to our generous donors, we are able to award over \$2.7 MILLION in scholarships to over 220 4-H members.

Prior to 2022, it had been a long while since anyone in Gray County 4-H had earned a Texas 4-H Foundation Scholarship. Since 2022, \$50,000 has been awarded to 3 Graduating High School Gray County 4-H Members, and you have the same opportunity!

Go to [Types of Scholarships - Texas 4-H Foundation \(texas4hfoundation.org\)](https://texas4hfoundation.org/types-of-scholarships) to find out more information about 4-H Scholarship Opportunities.



MARK YOUR CALENDAR WITH THESE IMPORTANT DATES:

February 15, 2024, by 11:59 PM – Deadline to Apply

April 2024 – Interviews in College Station

May 2024 – Award Notifications

June 2024 – Scholarship Banquets in College Station



Spread the word!

We still have plenty of Durham's products to purchase from the 4-H Office for Christmas gifts and baking.

Our office is open

Monday - Friday

8:30 - 12:00, 1:00 - 5:00



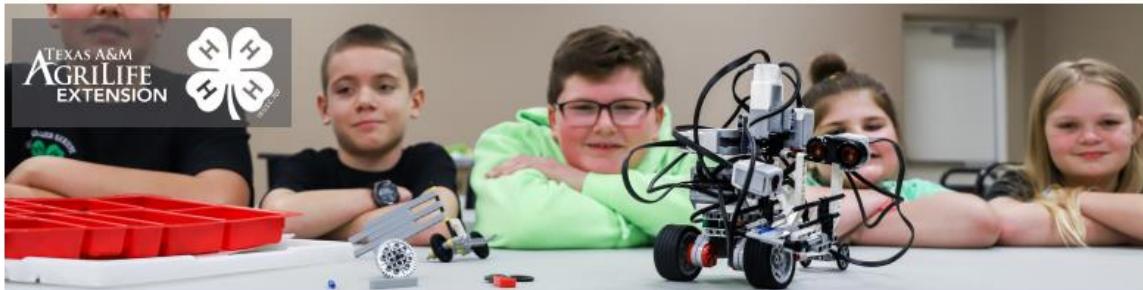
Featured Project

ROBOTICS

Project Planning Meeting December 1st in the Annex at 6:00.

Project Leader: Karen Schantin

Remind App Code: Enter 81010 and text @h7bghg



Texas 4-H Robotics Project

Project Description

The Texas 4-H Robotics project engages youth in the dynamic world of robotics, fostering innovation and critical thinking as they design, build, and program machines to tackle real-world challenges.

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In the 4-H Robotics project, members will learn a variety of skills related to robotics, coding, and engineering. Some specific skills they may learn include: robotics design, problem-solving, teamwork, and presentation skills. Overall, the 4-H Robotics project offers a comprehensive learning experience that prepares youth for future careers in STEM fields, while also teaching them valuable life skills.

Basic

- Introduction to basic robotics components (sensors, actuators, controllers).
- Understanding the principles of mechanical design.
- Basic programming for robot movements using block-based languages.
- Introduction to simple robotic tasks (e.g., line following, obstacle avoidance).
- Familiarization with popular robotics platforms like LEGO Mindstorms.

Intermediate

- Intermediate mechanical design and kinematics.
- Exploration of more complex sensors and their integration.
- Introduction to robotic arms and their applications.
- Programming robots using languages like Python or Java.
- Designing robots for specific tasks or challenges (e.g., maze navigation).
- Basics of robot communication and wireless control.

Advanced

- Development of multi-robot systems.
- Advanced programming for autonomous navigation and decision-making.
- Understanding of human-robot interaction and its ethical implications.
- Exploration of cutting-edge robotics fields like soft robotics and bio-inspired robots.
- Advanced robot simulations and real-world testing.

4-H Youth Council

Parent/Leader Council

All parents and volunteers are encouraged to attend the Parent/Leader Council Meetings.
Your input is valued and appreciated!

Parent/Leader Council will meet in January to discuss spring projects, contests, and fundraisers.

Club Meetings

Please contact the Extension Office at 806-669-8033 for information about leading a club.

Clover Kids - December 11th and every 2nd Monday of the month in the Annex at 5:30

North Fork & Top of Texas Archery Christmas Party, Tuesday December 19th at 6:00 in the Annex
Boys bring savory and Girls bring sweet snacks!



Project Meetings & Info



PHOTOGRAPHY

Meeting: December 14 at the Gray County Annex at 6:45 p.m.

Project Leader: Joan Gray-Soria

Remind APP Code: Enter 81010 and text @bgdhac

ALL LIVESTOCK PROJECTS

Gray County Junior Livestock Show

Thursday January 11th, 2024, Sale Saturday January 13th.

Remember, Declaration of Eligibility Forms will be a requirement for excused absences for the County Stock Show, as well as all of the Major Stock Shows. Please plan accordingly.

BEEF

Project Leader: Ryan Davis

Remind App Code: Enter 81010 and text @cattleproj

Project meeting: watch for a remind message.

SWINE

Project Leader: Christy Campbell

Remind App Code: Enter 81010 and text @swinepr

November 10th will be Swine Validation beginning at 4:15.

Please bring your 4-H pigs to the 4-H Feeding Barn at 6:00

Project meeting: November 13 at 6:30 in the Gray County Annex

SHEEP AND GOAT

Project Leader: Trista Bowen

Remind App Code: Enter 81010 and text @4hsheepa

Project Meeting: November 16 at 6:30 in the Gray County Annex

Project Meetings & Info

ARCHERY

Practices and meetings: See you in January, after livestock shows are over.

Project Leader: Karen Schantin and Joan Gray-Soria
Remind App Code: Enter 81010 and text @totarc

CLOTHING

See you in January!

Project Leader: Joan Gray-Soria
Remind App Code: Enter 81010 and text @4Hclot

HORSE

Beginning in the Spring.

Project Leaders: Amy Gallemore
Remind App Code: Enter 81010 and text @9b8bf2

MEAT SCIENCE

Beginning in the Spring.

Project Leader: Alan Parker
Remind App Code: Enter 81010 and text @4hmeatj

LIVESTOCK JUDGING

Beginning in the Spring.

Project Leader: Vacant
Remind App Code: Enter 81010 and text @2e7328k

SHOTGUN

Practices begin in the Spring.

Project Leader: Rodney Robertson
Remind App Code: Enter 81010 and text @2798g2a



FOODS & NUTRITION

See you in the Summer!

Project Leaders: Danielle Nachtigall, Eva Price & Joan Gray-Soria
Remind App Code: Enter 81010 and text @4hfoodsp

CONSUMER EDUCATION

See you next Fall

Project Leader: Joan Gray-Soria
Remind App Code: Enter 81010 and text @4Hmoneyed

PUBLIC SPEAKING

See you next Fall

Project Leader: Joan Gray-Soria
Remind App Code: Enter 81010 and text @4hpubli

New This Year:

****Excused absences from school****

Gray County 4-H will be following a **new policy** this year. In addition to informing the 4-H Office of days that your child will be missing school for 4-H activities, a “Declaration of Eligibility Form” will be a requirement for excused absences. It is imperative that this form be filled out by the school *in advance of your child being absent* to attend any extracurricular 4-H activities. After the school has completed the form, it must be handed to Joan or Marcus prior to the event.

Remind App Codes

Please join the Gray County Blast, and corresponding Club and Projects Groups so you do not miss important information that may not be presented in the newsletters.

- ♦ **IMPORTANT:** All Gray County 4-H families need to join the “Gray County Blast” Remind group for announcements and information regarding 4-H promotional events, fund raisers, volunteer and community service opportunities, and important deadlines. Please **Text @42bb8e to 81010.**
- ♦ We will continue to communicate County 4-H information, club meetings and project meetings through the “Remind App”. To join the groups enter the corresponding text message code and send it to **81010.**

Clubs

Clover Kids (K -2) @jgraysori

North Fork @jgraysoria

Top of Texas Archery @totarc

Projects

Archery: @totarc

Beef: @cattleproj

Consumer: @4Hmoneyed

Clothing: @4Hclot

Cooking: @4hfoodsp

Horse: @9b8bf2

Livestock Judging: @2e7328k

Meat Science: @4hmeatj

Photography: @bfdhac

Public Speaking: @4hpubli

Robotics: @h7bghg

Sheep/Goats: @4hlambgoat

Swine: @swinepr

Shotgun: @2798g2a

- ♦ Another great way to be informed is to like and follow our Facebook page. If you don't already, we want to invite you take a look at all of the activities we have to offer and that are going on.

<https://www.facebook.com/graycounty4h>

- ♦ Additional information can also be found at: <https://gray.agrilife.org/4-h/>

Gray County Extension Office
12125 E. Frederic Ave., St. C
Pampa, Texas 79065

Upcoming Events to watch for

- ◆ Community Service
- ◆ Club & Projects Meetings Dates
- ◆ Holiday Celebrations
- ◆ Spring Projects

GRAY COUNTY FACULTY & STAFF

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12125 E. Frederic Ave., St. C
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806-669-8029 - Fax
email-gray@ag.tamu.edu

Joan Gray-Soria
CEA - Family & Community Health

Marcus Preuninger
CEA - Agriculture & Natural
Resources

Brenda Green
Administrative Assistant

Extension programs serve people of all ages regardless of socioeconomic level, race, color, sex, religion, disability, or national origin. The Texas A&M University System, U.S. Department of Agriculture, and the County Commissioners Courts of Texas cooperating.



Like Us On Gray County Extension
and 4-H Page on Facebook

VISIT OUR WEB-SITE@
gray.agrilife.org