

The cover features a large, light green 4-H clover logo in the background. The text "4-H PROJECT GUIDE" is written in a bold, dark green, sans-serif font, centered over the clover. The clover has four distinct leaf shapes, each containing a white "X" pattern.

4-H PROJECT GUIDE

18 USC 707

ENROLL IN 4-H!

Each 4-H member must be involved in at least one project, so make sure to check out the list of projects to see which one is the right fit for you!

1

Go to <http://texas.4honline.com>

- Click "Don't have an account" at the bottom
- Enter an e-mail address that is checked often
- Create a password
- Complete all family information

2

Start adding members one enrollment profile at a time

- Click "Next" to take you through each screen
- Youth will select at least one club and one project
- Adults will select volunteer type, clubs, and projects
- Enter all required information into the fields on the Questions screen
- Youth birthday and school grade will determine eligibility
- Complete the Health and Consents Screens
- Click "Next" through each screen

3

Review fees

- Youth fees vary with date enrolled
- Adult fees are \$10.00 annually
- Add and select a credit card to pay or select payment collected by county office
- Select payment and agree to Payment and Refund terms

4.A

Youth

- Review enrollment and fees
- Click "Back" to make corrections
- When everything is correct click "Submit"
- Status will change to pending and the local county office will review and approve the enrollment
- Payment will be locked-in and the payment option will be charged
- Status will change to approved after the payment goes through

4.B

Adult

- Review enrollment and fees
- Click "Back" to make corrections
- Once everything is correct, click "Submit"
- Complete Screening and Required Trainings
- Status will change to pending and the local county office will approve
- Payment will be locked-in and the payment option will be charged
- Status will change to approved after payment goes through, screening approved, and trainings are complete

For more information, contact
the Erath County Extension
Office:

(254) 965-1460

erath@ag.tamu.edu

<https://erath.agrilife.org>

4 - H PROJECTS

Each 4-H member must be involved in at least one project. Check this list of projects to see which one is the right fit for you!

LEADERSHIP & CITIZENSHIP

- Citizenship
- Community Service
- Leadership
- Public Speaking
- Workforce Preparation
- Youth Entrepreneurship

AGRICULTURE & LIVESTOCK

- Beef Cattle
- Dairy Cattle
- Goats
- Horse
- Meat Science
- Poultry
- Rabbits
- Sheep
- Swine
- Veterinary Science

NATURAL RESOURCES

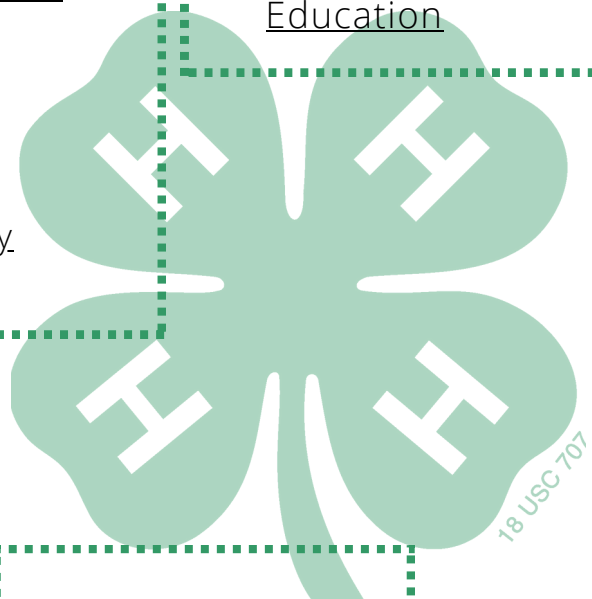
- Entomology
- Shooting Sports
- Water Conservation & Education

FAMILY & COMMUNITY HEALTH

- Consumer Education
- Fashion & Interior Design
- Foods & Nutrition
- Health & Personal Safety

SCIENCE, TECHNOLOGY, ENGINEERING, & MATH (STEM)

- Photography/Videography
- Robotics



BEEF

AGRICULTURE & LIVESTOCK

Explore all areas of the beef cattle industry!

Compete at local, county, state, and national shows.

CONTESTS:

- Major livestock shows in Texas and beyond
- Livestock judging (district and state level)
- Quiz Bowl (state level only)
- Roundup Public Speaking
- Skill-a-thon (covers a variety of topics)

TIMELINE:

- Show projects last approximately one year
- Project lasts from February to March of the following year for spring Major Livestock Shows

LEARN:

- Animal husbandry
- Livestock selection
- Proper nutrition and care
- Decision making
- Responsibility
- So much more!



CITIZENSHIP

LEADERSHIP & CITIZENSHIP

Learn, lead, and make a difference in your community!

Improve your leadership, communication, and decision making skills while building a sense of pride in your community.

BECOME KNOWLEDGEABLE ABOUT:

- Your community
- How to be involved
- The local and Texas legislative process!

OPPORTUNITIES:

- National 4-H Week
- 4-H Day At The Capitol
- Texas 4-H Congress

This can be a long-term or short-term project, you decide!



COMMUNITY SERVICE

LEADERSHIP & CITIZENSHIP

Give back to your town through community service!



I Pledge

my **HEAD**
to clearer thinking,

my **HEART**
to greater loyalty,

my **HANDS**
to larger service, and

my **HEALTH**
to better living, for

my **Club**, my **Community**,
my **Country**,
and my **World**.

Part of the 4-H pledge, a
commitment to make our
communities a better
place to live.



PROJECT AREAS:

- OneDay 4-H
- Prudential Spirit of Community Awards
- Volunteer
- And many more ways
OUTSIDE of 4-H!

CONSUMER EDUCATION

FAMILY & COMMUNITY HEALTH

Improve your money management skills, smart purchasing skills, and decision-making skills.

CONTESTS:

- Consumer Decision Making (CDM)
 - Defend your purchases to judges
 - District and state level, as well as some major livestock shows



LEARN HOW TO:

- Save money
- Compare prices
- Test for quality
- Make purchases based on facts and research



ENTOMOLOGY

NATURAL RESOURCES

BUGS! The study of insects!

Did you know that there are 1.4 billion insects per person on Earth and we need almost all of them?!

CONTESTS:

- Entomology Insect Identification
- Entomology Collection
- Entomology Photography



LEARN TO:

- Identify insects
- Classify insects
- Collect insects
- Preserve insects

DAIRY

AGRICULTURE & LIVESTOCK

Learn about the dairy industry, milk production, animal nutrition, health and reproduction!

CONTESTS:

- Compete at local, county, state, and national cattle shows
- Dairy Judging Contest
 - Held during the Fort Worth Stock Show & Rodeo



Explore the dairy industry, from raising a cow, to dairy science and ethics, to manufacturing and marketing dairy products.

TOPICS:

- Breeds
- Nutrition & feeding
- Anatomy
- Desirable traits
- Stages of calving and care
- Grooming and showing

FASHION & INTERIOR DESIGN

FAMILY & COMMUNITY HEALTH

Design your project around the parts of fashion and interior design that you enjoy!

LEARN TO:

- Design
- Construct
- Be a smart consumer when purchasing household items



CONTESTS:

- Duds to Dazzle
- Fashion Show
- Natural Fiber Contest
- Open Family and Community Health Educational Presentation
- Storyboard

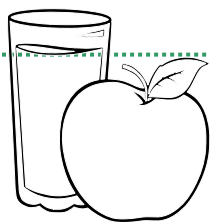
FOODS & NUTRITION

FAMILY & COMMUNITY HEALTH

Become knowledgeable in nutrition, food purchasing, preparation, safety, and related careers!

CONTESTS:

- Food Challenge
 - 3-5 person teams
 - Will have 40 minutes to create a dish out of given ingredients
- Family and Community Health (FCH) Quiz Bowl
 - 4 person teams
- Food Show
- Agricultural Product ID



LEARN:

- Kitchen & cooking safety
- How to prepare nutritious meals & snacks
- Meal ideas

GOATS

AGRICULTURE & LIVESTOCK

Specialize your project on meat, hair, or dairy production!

Compete at local, county, state, and national shows!

TIMELINE:

- Market Goats: 8-11 month project
- Breeding Goats:
 - Doe kid: Younger than 1
 - Two-tooth: Show one or both teeth of their permanent incisors
 - Aged: Carry more than one pair of permanent incisors

Available to purchase in the fall or spring, depending on what you show at.



CONTESTS:

- Major livestock shows in Texas and beyond
- Livestock Judging
 - District and state level
- Mohair Judging and Evaluation
- Skill-a-thon

HEALTH & PERSONAL SAFETY

FAMILY & COMMUNITY HEALTH

Learn safe practices for everywhere you go!

CONTESTS:

- Healthy Lifestyles
Invitational
- Family Community
Health FCH Quiz
Bowl
- 4-H Roundup
Educational
Presentation



INCLUDES:

- Bullying
- Dancefit Curriculum
- Disaster
Preparedness
- Driving &
Transportation
Safety
- Farm & Ranch Safety
- Health Education
- Outdoor Safety

This project pairs well
with food and nutrition,
shooting sports,
archery, and any animal
projects

HORSE

AGRICULTURE & LIVESTOCK

Activities in horsemanship, horse development, and training.

Learn responsibility, proper nutrition, and care.

Can compete at district and state level.

If you don't have a horse,
there are still multiple
ways to be involved!

CONTESTS:

- State Horse Show (includes western pleasure, working cow horse, hunter under saddle, barrel racing, and more)
- Horse Judging
- Quiz Bowl
- Hippology



SUPPORTING PROJECTS:

- 4-H Horse Show
- 4-H Horse Judging
- 4-H Horse Educational Presentation
- 4-H Horse Record Book
- 4-H Horse Bowl

LEADERSHIP

LEADERSHIP & CITIZENSHIP

Leaders influence and support others in a positive way for a shared goal!



CONTESTS:

- Leaders 4 Life
 - Allows the youth to demonstrate their knowledge of Parliamentary Procedure

OPPORTUNITIES:

- 4-H club office
- Serving on committees
- Promoting the 4-H to other youth

Develop individual leadership skills or be a member of committees, small groups, and teams!

MEAT SCIENCE

AGRICULTURE & LIVESTOCK

Discover secrets behind how your food is processed, and learn to identify various cuts of meat and determine the quality.

OPPORTUNITIES:

- Learn information to consider when evaluating, as well as learning proper meat storage and handling procedures



CONTESTS:

- Major Stock Shows
- District and State 4-H events

Dive into the science of meat!
Evaluate beef carcasses for quality and yield grade, identify various meat cuts and place carcasses, identify wholesale and/or retail cuts.

PHOTOGRAPHY & VIDEOGRAPHY

S.T.E.M.

Express your artistic side and tell a story through
your photos and videos!

CONTESTS:

- State 4-H
Photography
Contest
- Roundup
Photography Judging
Contest
- Videography Contest



LEADERSHIP PROGRAMS:

- Photography
Ambassadors
- Junior Master
Photographer

LEARN TO:

- Take photos in
manual and
automatic modes
- Apply different
lighting techniques
- Tell a story with
your photos

POULTRY

AGRICULTURE & LIVESTOCK

Experience the full process of selecting, feeding, and marketing poultry.

Learn production and marketing aspects of the industry.

PROJECT TOPICS:

- Turkeys
- Egg production
- Development from egg to chick

TIMELINE:

- Broilers and roosters: shown at 8-10 weeks
- Turkeys: shown at 18-22 weeks

****** Turkeys are shown individually while broilers are shown as a pen of 3 birds



CONTESTS:

- Poultry Judging

PUBLIC SPEAKING

LEADERSHIP & CITIZENSHIP

Learn how to prepare a speech with research on a subject, organization of ideas in a logical order, and then present knowledge on the subject with a speech!

CONTESTS:

- Educational Presentation Contests (1-2 people)
- Public Speaking Contest (may take place at county, district, and the state level)
- Major Stock Shows

SKILLS GAINED:

- Leadership
- Teamwork
- Conflict-Resolution
- Critical thinking



RABBITS

AGRICULTURE & LIVESTOCK

Learn the process of selecting, feeding, breeding, and marketing rabbits!

PROJECT OPTIONS:

- Market Rabbit - breed and raise rabbits for meat
- Rabbit Breeding - involve breeding and raising rabbits for desired or unique characteristics
- Pet - maintain rabbits for companionship



CONTESTS:

- County Market Shows
- Texas 4-H Rabbit Extravaganza
- Texas 4-H Rabbit Advisory Board

TIMELINE:

- Market Rabbit: 5 months
- Breeding Rabbit: time varies

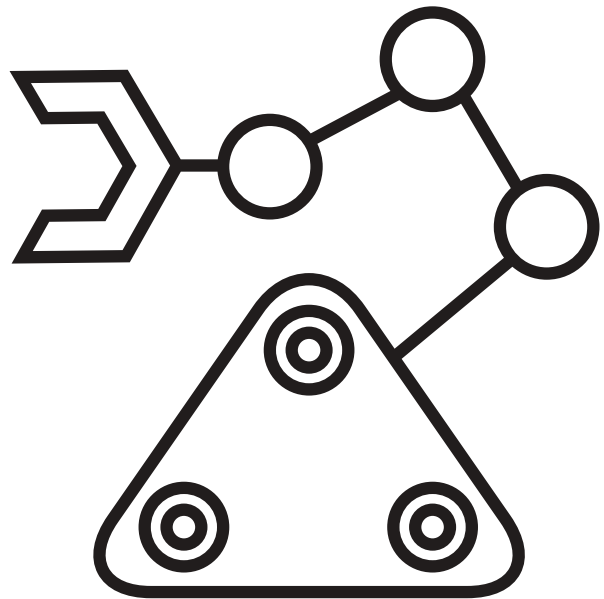
ROBOTICS

S.T.E.M.

In this hands-on project, you will learn to design, build, and program robots!

CONTESTS:

- AgRobotics Contest
- Robotics Challenge at Texas 4-H Roundup
- Texas Tech University GEAR Contest
- Major livestock shows



The primary platform used is Lego Mindstorms, but you can use other platforms!

SHEEP

AGRICULTURE & LIVESTOCK

Get the full experience from selecting, feeding, breeding, and marketing sheep through this project!

OPPORTUNITIES:

- Market projects
- Breeding projects
- Non-competitive projects

TIMELINE:

- Market lambs: 8 months
- Wether dams: 12 months

CONTESTS:

- Livestock Judging
- Skill-a-thon
- Wool Judging Contest



SKILLS:

- Public Speaking
- Leadership
- Community Service

SHOOTING SPORTS

NATURAL RESOURCES

Learn firearm safety, responsible handling and use, load and shoot, proper firearm maintenance, parts and accessories, proper safety procedures, various shooting sports, hunting procedures, laws and ethics when shooting, and so much more!



CONTESTS:

- Indoor Archery Match
- Postal Leagues
- Extravaganza
- Roundup Archery Match
- Roundup Indoor Rifle Match
- State Games

OPPORTUNITIES:

- Assistant Shooting Sports Coach Certification
- 4-H Shooting Sports Ambassadors
- National 4-H Shooting Sports Invitational Match and Texas teams

SWINE

AGRICULTURE & LIVESTOCK

Experience the full process from selecting, feeding, breeding, and promoting swine!

CONTESTS:

- Livestock Judging
- Quiz bowl (district and state level)
- Livestock Skill-a-thon

TIMELINE:

- Barrows: approximately 5 months
- Gilts: approximately 5 months



SKILLS:

- Public Speaking
- Leadership
- Community Service

VETERINARY SCIENCE

AGRICULTURE & LIVESTOCK

Become knowledgeable about animals, animal welfare, and how to become a veterinarian!

CONTESTS:

- Veterinary Science Skill-a-thon



OPPORTUNITIES:

- Extension Veterinary Medicine 4-H Program
 - Must complete 100 lessons and 500 hours of apprenticeship
 - Graduates of the program are eligible to take the exam for certification through the Texas Veterinary Medical Association (TVMA)

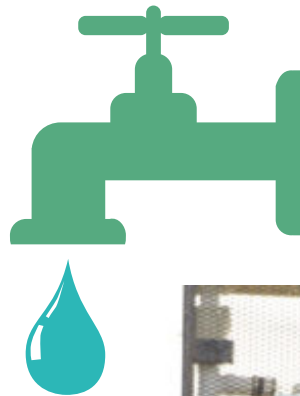
WATER CONSERVATION & EDUCATION

NATURAL RESOURCES

Learn and become an advocate for water conservation and protection by performing service projects, educating others, and collaborating with local water industry and education professionals.

OPPORTUNITIES:

- Water Ambassadors Program
 - An effort to educate youth about water resources in Texas
 - Provides a platform for youth to connect with water industry professionals and educators who represent a wide range of water disciplines



WORKFORCE & CAREER PREP

LEADERSHIP & CITIZENSHIP

Explore what you want to be when you grow up!

Learn about career choices, meet future employers, and plan for a successful career.

OPPORTUNITIES:

- Learn about your dream job from an industry professional
- Tour facilities
- Develop a resume
- Practice interviewing skills



LEARN ABOUT:

- Career choices
- Meeting future employers
- Planning for a successful career

YOUTH ENTREPRENEURSHIP

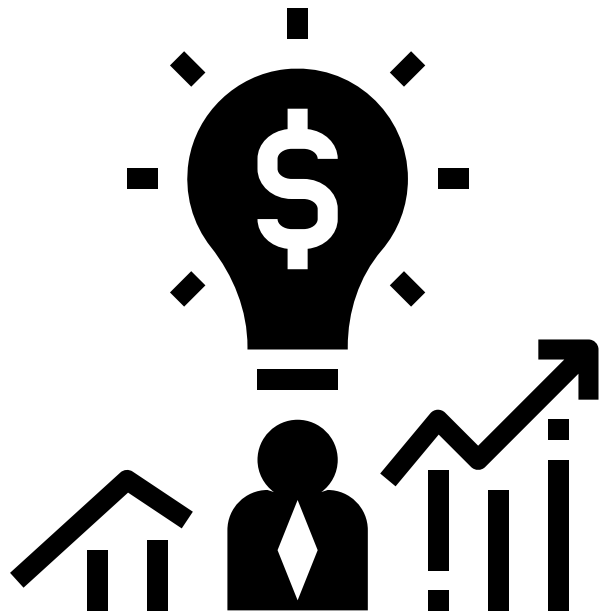
LEADERSHIP & CITIZENSHIP

Be your own boss!

Learn how to market and sell your own products.

OPPORTUNITIES:

- Design your own product
- Explore business models
- Hear from successful business professionals
- Observe a manufacturing plant
- Interview entrepreneur's on their business experiences



WANT TO GET INVOLVED?

CONTACT THE ERATH COUNTY EXTENSION OFFICE!

PHONE:
(244) 965-1460

EMAIL:
ERATH@AG.TAMU.EDU

WEBSITE:
[HTTPS://ERATH.AGRILIFE.ORG](https://erath.agrilife.org)

