



SOUTHEAST REGION 4-H
NATURAL RESOURCES
PROJECT TRAINING
THURSDAY, OCTOBER 1, 2020



TRAINING WILL BE RECORDED

Zoom Meeting

Audio only With video



The image contains two side-by-side photographs of Yorkshire Terriers. The left photograph shows a dog with long, shaggy, grey and tan fur, looking directly at the camera. The right photograph shows a dog with short, smooth, light brown fur, wearing a pink collared shirt, also looking directly at the camera. The text 'Zoom Meeting' is at the top, with 'Audio only' and 'With video' below it. The entire graphic is enclosed in a dashed border.



WELCOME & INTRODUCTIONS

Please Sign In
Link in the chat box



BASICS OF 4-H NATURAL RESOURCES PROJECT

- **Types of Clubs/Projects Areas**
 - Community Organized (i.e. Shooting Sports emphasis)
 - Project Based Clubs
 - Project Groups
 - Time Frame of club/group functioning - may be geared towards time of year
 - Chartering
 - Flexibility
- **Types of Leaders**
 - Club Managers
 - Project Leaders
 - General Project Volunteers
 - Teen Leaders – youth coaches – certified
 - Screening of Volunteers



CLUB/ PROJECT MANAGEMENT

- Chartering
- [Financial Information](#)
- Attendance/ Rosters for meetings/ practices
- Active in 4-H Online– some counties have a member participation form to complete
- Agendas/ Plan of action
- Youth Led when necessary
- Communication with Agent/County Office and with Club /Group - emails, Group Me, Remind 101
- Emergency plan
- Shooting sports - mandatory safety training prior to going out on ranges



PROJECT– SHOOTING SPORTS

If you enjoy the outdoors and hunting, you'll love the shooting sports project! This project covers firearm safety and teaches responsible handling and use. Get ready because this project is hands on. You'll learn about a variety of firearms – including pistols, rifles, shotguns, muzzleloading, and even archery! Some groups focus on competitive events, and others practice basic shooting programs. Contact your local club to see what's available in your area.

In the shooting sports project, you'll learn how to load and shoot a variety of firearms, proper maintenance of your firearms, parts, and accessories, proper safety procedures in handling and shooting, about shooting sports competitions and how to participate, hunting procedures, laws and ethics related to shooting, hunting, and firearms use and about careers related to firearms and shooting sports!

Due to the nature of this sport, there are quite a few rules that are detailed and important to follow. But remember, fun and safety are the primary goals. These rules should be applied to any activity and event within 4-H Shooting Sports project; these rules supersede those posted in governing bodies such as NRA, USA Archery, NSCA, etc.

Presenter:
Kyle McManus

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PROJECT- SHOOTING SPORTS

STATE-WIDE CONTESTS:

Postal Leagues

“Postal League” got its name because participants mailed their targets in for scoring via the U.S. Postal Service. It’s a state-wide shooting match where you compete on your own schedule. Keep record of your shots from November to March and submit your scores online to the state 4-H office.

Extravaganza

If you’re new to shooting sports, this is the place to start! The Shooting Sports Extravaganza is a beginner’s match and learning event. Beginner shooters will learn the process of shooting competitively, basic knowledge of firearm and range safety, and about the shooting sports events.

Indoor Archery Match Information

The indoor archery match is held each year in 4 locations. Competitors will choose to compete at only one location, and scores will be ranked by all competitors at both locations. There is a “first year” class for competitors that are new to archery and new to the indoor archery match.

Presenter:
Kyle McManus

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PROJECT- SHOOTING SPORTS

STATE-WIDE CONTESTS (con't):

Roundup Archery Match

Roundup Archery Match is held at [Texas State 4-H Roundup](#).

Roundup Indoor Rifle Match

Held at [Texas State 4-H Roundup](#) each year, competitors must qualify through their district in order to compete at this event.

State Games

Shooting Sports State Games are open to all 4-H members – you do not have to qualify to compete. But you must be actively involved in a shooting sports project at your local club with a coach. Fees are involved.

YOUTH LEADERSHIP OPPORTUNITIES:

State Shooting Sports Ambassadors

Certified Teen Coach

Presenter:
Kyle McManus

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PROJECT- SHOOTING SPORTS

Texas 4-H Shooting Sports Info:

https://docs.google.com/document/d/1s-dAH2_xn3qX9pREBfURfxtSukl3WXTNXst8x5PnEVO/edit#

2020-21 4-H Natural Resources Program Activity & Event Schedule

Stay Up To Date! Please note: **THIS DOCUMENT CHANGES OFTEN!** Please check this document periodically on the website for updates.

•Check out the 4-H Natural Resources Program Calendar and share your county or club Natural Resources/Outdoor/Wildlife/Shooting events.

Access and instructions are available on the website (<https://texas4-h.tamu.edu/project-category/natural/>).

•Blog: <http://tx4hnaturalresources.blogspot.com>. Sign up on the blog to receive program updates directly to your email and learn how to subscribe to text message updates!

•Facebook Page: <http://www.facebook.com/tx4hnaturalresources>.

•**Subscribe to text message updates** about your favorite projects and events! Simply text any or all of the following subscription codes to:

81010; *(Your standard text messaging rates apply)*

All Updates: @tx4hnatres , WHEP: @txwhep , Shooting Sports: @tx4hss , More subscription codes on the blog!

Presenter:
Kyle McManus

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PROJECT - SPORTFISHING

What is sportfishing?

- Sportfishing is a great way to get the entire family involved and spend time out in the great outdoors!
- This project can be done in freshwater or saltwater areas
- Can be done as an individual or team project
- <https://texas4-h.tamu.edu/projects/sportfishing/>

Presenter:
Candace Moeller

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PROJECT - SPORTFISHING

- Project Experiences
 - Learning Environmental Stewardship
 - Boaters Education
 - Understanding TPWD Laws and Regulations
 - Learning about types of tackle and how to use them
 - Learning to Cast
 - Learning to Fish
 - Learning about crabbing
 - Learn outdoor safety and first aid
 - And more!

Presenter:
Candace Moeller

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PROJECT - SPORTFISHING

LEADERSHIP

- **State 4-H Water Ambassador**
- **Sportfishing club officer (if applicable)**
- **Teaching others about sportfishing**

COMMUNITY SERVICE

- **Adopt a Beach**
- **Bay/Shoreline Cleanups**
- **Kid Fish with TPWD**

Presenter:
Candace Moeller

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SPORTFISHING

Contest

- District wide and State wide 4-H Fishing Tournaments
- Can host a contest between club members or counties with a sportfishing program
- Sportfishing Quizbowl
- Outdoor Challenge
- Wildlife Challenge



PROJECT - ENTOMOLOGY

Texas 4-H Entomology:

<https://texas4-h.tamu.edu/projects/entomology/>

This project is easy to afford because insects are free or inexpensive at pet stores or scientific supply houses. Learn how to identify, classify, collect and preserve insects and other arthropods.

STATE-WIDE CONTEST:

Texas 4-H Entomology Collection Contest

State-level competitions include the insect collection and a qualifying contest held during [Roundup](#) in June. It is a knowledge and identification contest. Visit the [State Roundup Webpage](#) and the [Department of Entomology website](#) to learn more.

Beekeeping Essay Contest

The Beekeeping Essay Contest is sponsored by the The Foundation for the Preservation of Honey Bees, Inc. Any youth interested in participating in the contest must follow the instructions for the Texas 4-H selection process.

Presenter:
Kyle McManus

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PROJECT - OUTDOOR EDUCATION & LIVING SKILLS

The 4-H Outdoor Education project provides youth with the opportunity to learn skills such as camping, wildlife watching, shooting and hunting skills, fire building, outdoor safety, decision making, outdoor ethics, tracks and so much more

There is a lot of resources on the Outdoor Education & Living Skills Project page. <https://texas4-h.tamu.edu/projects/outdoor-education-living-skills/> The contest that is under this project is Outdoor Challenge; consists of 10 sessions where teams (2 members) compete to earn points for overall high point position. Partners can move up an age category, but can't move down. The usual schedule is a session Friday afternoon, all day sat and then end Sunday afternoon. It was held in Brownwood in June this year

Events for 2020 were:

1. Gear Judging
2. Swimming
3. Kayaking
4. Archery
5. Climbing
6. Fishing
7. Shotgun
8. Biologist Skills
9. Outdoor Safety
10. Outdoor Skills

The 2021 sessions will be announced soon

Presenter:
Geri Kline

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PROJECT - FORESTRY

Learning Through Forestry

- Learn the importance of conserving forest land
- Identify trees and tree diseases/insects
- Learn to use a compass and read topographic maps
- Learn how to measure the height and diameter of trees

Project Curriculum

<https://shop4-h.org>



Forestry Identification Event

Team Tree Height and ID Event



Presenter:
Dr. Jheri-Lynn McSwain

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PROJECT - FORESTRY

Test your Knowledge
National 4-H Forestry Invitational,
West Virginia – July 2021

Measuring Tree
Diameter



Team Tree Sawing Event



Forestry Quiz Bowl Event

Presenter:
Dr. Jheri-Lynn McSwain

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RANGE SCIENCE 4-H PROJECT

**LANDEN GULICK M.S.
AGRICULTURE & NATURAL RESOURCE AGENT
BEE COUNTY**

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TEXAS 4-H RANGE SCIENCE PROJECT

OVERVIEW

The Texas 4-H Range Science project promotes and develops knowledge and skills in practical range, natural resource and ranch management.

Learning outcomes of this project are huge and the cost is low.

What will 4-H Members and Volunteers be Learning?

Examples include.

- **Ranchland management**
- **Water and how plants grow**
- **Vegetation areas of Texas**
- **Brush control and weed control**
- **Poisonous or toxic plants**
- **Grazing management strategies**
- **Ranch management practices and leasing rangeland**
- **Risk management for land**
- **How domestic grazing animals and wildlife species eat**

Presenter:
Landen Gulick

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RANGELAND PLANT IDENTIFICATION

The **4-H Master Plant List** names and gives characteristics of 129 range and pasture plants.

This list is used at all

1. Range and Pasture Grass Identification Contest,
2. 4-H Range Evaluation Contest
3. Major livestock show Range and Pasture Plant Identification contests at Houston, Fort Worth, Dallas State Fair, the Amarillo Tri-County Fair and 4-H open contest and District and State.



DISTRICT AND STATE 4-H ROUNDUP CONTEST



RANGE AND PASTURE GRASS IDENTIFICATION CONTEST

4-H member will learn to identify all the 74 native and introduced grasses which are listed on the Master Plant List for 4-H.

Sideoats
grama
Bouteloua
curtipendula



DISTRICT AND STATE 4-H ROUNDUP CONTEST

RANGE EVALUATION CONTEST

This 4-H judging program concentrates on making decisions about the management of rangeland resources.



DISTRICT AND STATE 4-H ROUNDUP CONTEST



SOIL JUDGING

Contestants will judge four soil profiles with 20-minutes allowed for each and determine the soil characteristics of the profiles and make interpretations based on observation



PROJECT – WILDLIFE & FISHERIES

This is another great outdoor project. This project is all about learning and exploring your natural surroundings. Learn to tell the difference between different types of fish and animals by learning about animal species. Experiences and learning opportunities include habitat management, wildlife biology and ecology, hunting and fishing, wildlife watching, conservation and wildlife management. There is a lot of Resources on the Wildlife & Fisheries page <https://texas4-h.tamu.edu/projects/wildlife-fisheries/>

The 4-H Roundup Wildlife Challenge covers material found within five 4-H Natural Resources projects: Wildlife Habitat Education Project (WHEP), the hunting & wildlife discipline in shooting sports, entomology, forestry, and sportfishing. Contestants will explore all five of these projects while preparing for the challenge. This contest takes place during State 4-H Round up in June in College Station. And new for this year, it will be an individual contest and not a team event. In previous years, youth would walk a “trail” of sorts, lined with questions. Question examples: “what animal made this track in the dirt” or “pick up the binoculars and identify the duck across the pond”

The (WHEP) State Contest is an interactive program that teaches youth about wildlife, habitat, habitat management, and natural resources stewardship. This contest asks youth questions about what would be best for different wild species habitats. Observation is important and creating educated and involved stewards of natural resources is the long-term goal. This is an individual or team contest

State Fair, Fort Worth and Houston usually host these contests. Check with your agent to see when you need to register for the major show contests, registration will happen soon.

Presenter:
Geri Kline

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PROJECT – WATER CONSERVATION & EDUCATION

Texas 4-H Water:

<https://texas4-h.tamu.edu/projects/water/>

Topics include:

Water Basics, Water Filtration, Stream Trailer, Enviroscope/Water Pollution

Investigating Water Curriculum

students are introduced to groundwater, hydrology, watersheds and wetlands in addition to the effect of water on the environment and on ecology.

Leadership Opportunities Include:

Teen Project Leaders

State Water Ambassadors

Presenter:

Kyle McManus & Reagan Fox

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PROJECT RESOURCES

- <https://texas4-h.tamu.edu/project-category/natural/>
- <https://texas4-h.tamu.edu/resources/>
- [National 4-H books](#)
- [National Shooting Sports](#)
- [WHEP Project Curriculum](#)
- [Texas Rules and Guidelines](#)
- [Texas 4-H Clover](#)



CONTEST OPPORTUNITIES

- District contests
 - D9 – Archery
 - D9 Rifle, Air Rifle & Air Pistol
 - D11 Archery
 - D11 Rifle
- State Rifle
- State Games
- Outdoor Challenge
- Ento ID Contest
- Recordbooks
- Wildlife Challenge
- State WHEP
- Soil Judging
- Virtual Fishing
- Contests at Major Livestock Shows



TRAINING OPPORTUNITIES

- Texas 4-H Shooting Sports Trainings
 - https://docs.google.com/document/d/1s-dAH2_xn3qX9pREBfURfxtSukI3WXTNXst8x5PnEV0/edit
- Trainings upon request within district/region



YOUTH LEADERSHIP OPPORTUNITIES

- Shooting Sports Ambassadors
- Water Ambassadors
- Club officers
- Teen leaders
- County & District Council Officers



THANK YOU FOR JOINING US!



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COMMITTEE MEMBERS

- Geri Kline – Lee County AG/NR Agent
- Kyle McManus – Nueces County 4-H Agent
- John Grange - Burleson County AG/NR Agent
- Candace Moeller – Refugio County AG/NR Agent
- Michelle Moss – San Jacinto County AG/NR Agent
- Eric Taylor – Karnes County AG/NR Agent
- Amanda Brooks – Liberty County 4-H Agent
- Landen Gulick – Bee County AG/NR Agent
- Jeremy Peaches – Harris County 4-H Agent
- Meredith Carter – D11 4-H Program Specialist
- Cory Hundl – D9 4-H Program Specialist
- Erika Bochat – Regional Program Leader – FCH – Southeast Region
- Philip Schackelford - Regional Program Leader – AG/NR – Southeast Region

