

TEXAS A&M AGRI LIFE EXTENSION

Texas 4-H & Youth Development

TEXAS 4-H CLOVER

2012-2013



Educational programs of the Texas A&M AgriLife Extension Service are open to all people without regard to race, color, sex, disability, religion, age, or national origin. The Texas A&M University System, U.S. Department of Agriculture, and the County Commissioners Courts of Texas Cooperating

The Texas 4-H Clover is a “catalog” of the many opportunities, programs, activities, and events that enrich the 4-H experience. The information provided in the Texas 4-H Clover covers the period from September 1, 2012 through August 31, 2013.

As with any annual periodical publication, the opportunities and contact information may change. 4-H members, leaders, volunteers, and parents are encouraged to stay in contact with their county Extension office on the latest information regarding any opportunity or experience in the Texas 4-H Clover.

Texas 4-H and Youth Development Program
4180 State Highway 6 South
College Station, Texas 77845
<http://texas4-h.tamu.edu>

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Program year

The 4-H program year begins on September 1 and concludes on August 31 the following year.

Membership policies

Any person, regardless of socioeconomic level, race, color, religion, disability or national origin, may enroll as a 4-H member. Texas 4-H membership is open to youth between the ages of 9 (OR 8 and in the third grade) and 18 on August 31. A youth's eligibility for membership will expire on August 31 of the 4-H year in which the 19th birthday occurs.

For events that require registration/certification/entry during the summer prior to the beginning of the 4-H year, County Extension agents may sign entry forms for events that will occur during the 4-H year for youth who will become eligible for and enroll in 4-H on September 1, but these youth may not participate in 4-H competitive events and activities until September 1.

Zero-based enrollment

For accountability purposes and the requirement for keeping mailing lists updated, the Texas 4-H Program uses zero-based enrollment. This means that at the start of every new 4-H year, previous members and volunteers and new members and volunteers must enroll or re-enroll in the 4-H Program.

Cross-county memberships

A youth becomes a 4-H member when he/she either completes an individual paper enrollment form, an individual on-line registration via 4-H CONNECT or is included in a group enrollment form. A youth participates in 4-H by belonging to a chartered 4-H club or county program or any recognized unit of membership in the county where he/she resides.* Membership cannot be held simultaneously in more than one county or state, but membership may change with residence, as long as the member participates in a given project in only one county or state.

**Exception - If a 4-H member lives near a county line or if a specific project is not offered in his/her home county and it is more convenient, desirable, or logical to belong to 4-H in another county, he/she may request permission to join 4-H in that county if the county Extension faculty in both counties approve. Approval should be in writing. Request to change counties should be based on concerns that affect the youth member developmentally (ie: requesting to change counties because the adjoining county's livestock show sale is better will not be approved). If a specific project is not offered in the county of residence, and the 4-H member wants to participate in 4-H project work in an adjoining county, they may; however, they must enter competitive activities through the county in which they have their membership.*

This agreement of cross-county membership must be renewed annually between the involved county Extension staff and the 4-H member.

Project enrollment

All 4-H members must be enrolled in at least one project and provide written evidence of project completion. A member may add or delete project enrollments at any time during the 4-H year. A member of a 4-H club must participate in 4-H learning groups and other educational activities under the guidance of a 4-H volunteer who is enrolled with the county Extension office.

Statewide projects/activities

The 4-H projects listed in this handbook are offered in most of the counties in Texas. Please contact your county Extension agent for more information about projects or activities.

County projects/activities

Some counties offer additional projects of local interest. Check with your own county to see what is available. Counties provide the materials and training guides for these projects, and they may vary from area to area depending on local resources and needs.

Events and activities

Youth competing in state, district and/or county events and activities must be 9, or 8 AND in the 3rd grade, to 18 years of age. See specific state contest packet information for additional details. Youth must be enrolled in the project during the current year in order to participate or compete in a related event or activity.

Participation Fee Statement

All 4-H Club youth participating in the Texas 4-H and Youth Development Program are expected to pay a participation fee. The fee is \$20.00 if enrolling between August 1, 2012 and October 31, 2012. For those enrolling between November 1, 2012 and end of the 4-H enrollment year, the fee is \$25.00 per person.

Considerations in selecting a 4-H project:

- Select a project you like.
- Select a project that can be completed.
- Consider the money it will take. Can parents/guardians help?
- Consider the space and equipment that you have at home.
- Consider the time the project will take.
- Consider parental support for the project.
- Be aware of the opportunities for growth in this project.
- A 4-H project should be fun, serve a purpose, and be worth the effort.
- Select only the number of projects you can complete.

Items available to help you learn about your project:

- 4-H project promotional brochures
- Project training workshops
- Tours
- Exhibits
- Contests—judging, visual presentation and 4-H recordbooks
- Reputable web sites

Goals

When you write down your goals and plans, you have already made a step toward reaching those goals. Your written goals will help you keep track of where you are going and how you are going to get there. Write your goals and plans for each project. Use the Member Achievement Plan (M.A.P.) or a method that works for your family to keep track of progress made toward goals.

Your project goals should include the following:

- Knowledge goals - things you want to learn.
- Skill goals - things you want to raise, make and/or do.
- Leadership goals - things you want to do and to teach others.
- Community Service goals - things you want to do for others.

As you get older or become more advanced in your project(s), you will want to set goals in the following areas:

- Energy goals - how your project relates to energy and ways to save natural resources.
- Economic goals - what you will do to save and make money.
- Experiment and research goals - studies and experiments you can conduct in your project.
- Career goals - studies and interviews.
- Other goals - workshops or contests you plan to participate in through your project.

Guidelines that relate to all projects:

- Make a set of project goals (refer to Member Achievement Plan—MAP).
- Complete certain goals each month—most project work is done at home.
- Keep a record of goals completed.
- Exhibit project work.
- Enter a contest at the local and county levels.
- Attend workshops on your particular project.
- Attend 4-H meetings regularly.
- Complete 4-H MAP and/or recordbook each year.

- Develop leadership by teaching other interested persons something about your project.
- Carry out community service activities related to your 4-H project.
- Continue to study and broaden project knowledge and skills.

Find out what you can learn and do in your projects:

1. Knowledge - things to do and resources to use in developing knowledge of your project.
 - Read the 4-H Clover.
 - Surf the Web for reputable, non-biased sources.
 - Read library books related to projects.
 - Read magazines or journals.
 - Purchase literature related to projects.
 - Secure owner's manual.
 - Attend workshops related to your project.
 - Interview someone who is knowledgeable about your project subject matter.
 - Tour places related to the project.
 - Develop a research paper related to project.
 - Subscribe to magazines.
 - Go on field trips to study project.
 - Study careers related to your project.
 - Study catalogs.
 - Take correspondence course related to project.
 - Study history related to your project.
 - Attend summer workshops through local community colleges or community education programs.
2. Skills - the doing part of 4-H in which you develop your skills to your potential.
 - Make several things related to your project.
 - Raise and properly care for something related to your project.
 - Repair things related to your project.
 - Make a list of skills related to your project and practice them.
 - Use computer skills to find related credible web sites or maintain records of your own project on the computer.
3. Safety - part of almost every 4-H project.
 - Purchase safety equipment.
 - Make a safety plan (locating safety hazards).
 - Participate in a safety clinic.
 - Make a study of accidents related to your project.
 - Study state and national safety laws related to your project.
 - Use warning signs where necessary.
 - Secure a safe place to work. Follow all safety recommendations.
4. Leadership - also a part of every 4-H project. It is your duty as a 4-H member to develop leadership skills.
 - Present and display in schools and your

- community to promote your project.
- Assist individual members with their projects.
 - Conduct interviews.
 - Help plan and conduct workshops about your project.
 - Serve as chair of your project group.
 - Teach groups about project work.
 - Organize a 4-H project club.
 - Conduct project contests in the local 4-H club.
 - Assist volunteer leader with project.
 - Set up a project tour for your club.
 - Assist with county contests.
 - Serve as a project leader for your club.
 - Recruit new club members into your project.
 - Write an article for your local newspaper.
 - Serve as a group leader during a workshop or tour.
 - Assist with county exhibit days
 - Secure a county donor for your 4-H project.
 - Teach disabled children about your project.
 - Write and give speeches about your project.
 - Develop a business related to your project.
 - Serve on a committee related to your project.
 - Write news articles about your project.
 - Make exhibits that tell other people about your project.
 - Appear on TV and/or radio and talk about your project.
 - Write an information sheet about your project and use it as a handout during workshops.
 - Develop a slide set or video about a certain part of your project.
 - Serve as a teen or junior leader.
5. Citizenship and Community Service - part of every project, or Citizenship can be a project by itself. Each 4-H member should incorporate several activities or experiences of citizenship and community service in each project in which they enroll. These experiences can be done as an organized group/club or as an individual. Discuss ways you can work in your community to promote a part of your project through associations and private businesses.
- Make the public aware of the economic importance.
 - Write your state and national legislators about issues related to your project.
 - Give something related to your project to shut-ins.
 - Secure pen pals who are interested in the project.
 - Discuss project issues with local officials.
 - Write project donors, thanking them for their support.
 - Sell a product from your project and use the money for some worthy cause.
 - Assist friends and neighbors with work related to your project.
 - Make speeches about the importance of your project to the economy, society or school.
 - Provide transportation for others to a project workshop.
 - Organize a campaign to improve something related to your project.
 - Conduct a radio program on your project, making the community aware of an issue.
 - During National 4-H Week, do some type of project promotion.
- Take pictures of other 4-Hers project exhibits, and use the pictures for publicity.
 - Report to the proper authority things that you see in your project that are dangerous to people of the community.
 - Do volunteer work related to your main project.
 - Serve on a county or community committee that is related to the project.
 - Loan something that you have related to your project.
6. Environmental Stewardship
- Study how your project relates to conserving our natural resources.
 - Share stewardship information with others in your project area.
7. Economics
- Study consumer reports about your project.
 - Watch television. Listen to the radio for economic news related to the project.
 - Conduct your own price study.
 - Make a study of how to cut cost and maintain quality.
 - Compare cost of project materials to cost of buying a finished project.
8. Experiments
- Develop your own design.
 - Compare the outcome of more than one item, using different ingredients.
 - Invent something that is useful in your project.
 - Conduct experiments related to your project.
9. Careers
- Study careers related to your project.
 - Tour businesses related to your project and volunteer at a local business.
 - Attend seminars about careers.
 - Interview people in different careers related to the project.
 - Write several colleges and universities concerning careers related to the project.
 - Start your own personal business related to your project.
 - Find entrepreneurial ideas and resources on the Web.
 - Talk to an economic development leader or visit the nearest small business development center.
- Do you need help? Secure help from the following:**
- Your 4-H club manager
 - Your 4-H project leader
 - Texas A&M AgriLife Extension Service staff
 - Retired senior citizens in your community
 - Professional people with careers related to your project
 - Businesses related to your project
 - School teacher, principal, or counselor.
- When is the project over?**
- When you have met the goals you set at the beginning of the year, and when a Member Achievement Plan has been submitted to the 4-H project leader, club manager, or county Extension office, you have finished your project.

A

ADULTS - see "Volunteer"

AFTER SCHOOL

Texas 4-H provides an extensive resource, YEA! 4-H, for use by clubs and after school programs. This project and curriculum provides opportunity for volunteers and leaders to provide programming for youth in three age groups: K-2, 3-5, and 6-8. Each level of the curriculum is available on CD and can be purchased through the Extension Bookstore.

AGRICULTURE - see "Science of Agriculture or Ag in The Classroom"

ALUMNI



FRIENDS AND ALUMNI ASSOCIATION OF TEXAS

Contact:

Mrs. Jana Barrett

Coordinator - Friends and Alumni

979-845-1214

jcbarrett@ag.tamu.edu

<http://www.texas4hfriends.org>

Texas 4-H Friends & Alumni Association is a state-wide, nonprofit association for citizens who believe strongly in the 4-H program and want to support the youth involved. The program is not just for Alumni members of 4-H, but anyone that believes in the value of the 4-H program and wants to help make a difference. The association is committed to promoting the value of the 4-H program.

Mission Statement:

To build and foster relationships among Texans who support the development programs of 4-H and who believe that the future of our nation depends on the success of reaching today's youth with the values and opportunities provided through 4-H.

Many past 4-H members have pledged their support to the Texas 4-H program through their membership in the Texas 4-H Friends & Alumni Association. The membership dues and corporate sponsorships are used to support 4-H programs in order to reach their educational goals, provide scholarships for 4-H members to attend camp and other 4-H opportunities, and provide networking for former 4-H members through collegiate scholarship programs.

Each county has access to contact information for the interested alumnae in their area. These able volunteers stand ready to support the local 4-H program in a "grass roots" effort across the state.

Levels of membership in the Texas 4-H Friends and Alumni Association are:

| | |
|---------------------------|-------------|
| Lifetime Joint | \$750.00 |
| Lifetime | \$500.00 |
| Joint (Annual) | \$ 50.00 |
| Annual | \$ 30.00 |
| Collegiate | \$ 15.00 |
| Corporate Giving Levels * | |
| Gold | \$10,000.00 |
| Silver | \$ 5,000.00 |
| Bronze | \$ 1,000.00 |
| Associate | \$ 150.00 |

*Please contact our office for information regarding benefits of each level.

AMBASSADORS

Printed Resources:

Ambassador Handbook

The Texas 4-H Ambassador Program aims to project a clear and accurate image of the Texas 4-H Youth Development Program.

The ambassador program has several specific goals:

- To tell and show key audiences what the 4-H Youth Development Program is and who it impacts, so that these audiences will understand the impact of 4-H on the lives of young people and will see how it addresses key youth issues in the community and state.
- To develop leadership and communication skills among the 4-H'ers selected to make ambassador presentations.
- To make families and youth more aware of 4-H and the benefits it offers.
- To inform elected officials about the 4-H program and get them involved.
- To tell current and potential donors about 4-H and give them opportunities to support the program efforts that interest them.
- To change or improve the 4-H image among selected audiences.

To be effective, a 4-H Ambassador Program should include:

- Training: teaching ambassadors how to make presentations, how to represent the organization and how to serve.
- Planning: developing both the plan and commitment to it.
- Team-centered activities: sponsoring elections, meetings, recognition, etc.
- Program/team management: making assignments, records, schedules, arrangements, etc.

The 4-H Conference Center coordinates ordering of green blazers for those counties that desire to order jackets. Order forms are available in the Ambassador Handbook and on the 4-H Center website, texas4hcenter.tamu.edu

B

BEEF

Printed Resources:

Managing Beef Cattle for Show (AS 1-2)
 Using Expected Progeny Difference (EPD) and Scenarios in Livestock Judging Contests
 Animal Science Skills for Life - 4-HCCS PC-6372
 The Facts about Zilmax™ for Market Show Steers and Market Show Heifers (ASWeb-117)
 A Guide to Raising Beef Cattle - ST-037-4 (N4-HC)
 Your Calf - A Kid's Guide to Raising and Showing Beef and Dairy Calves - # ST-947-8
 National 4-H Curriculum (www.n4hccs.org):
 Beef 1 - Bite into Beef
 Beef 2 - Here's the Beef
 Beef 3 - Leading the Charge
 Beef Group Helper's Guide
 Calf Pattern
 Texas A&M Publications (<http://animalscience.tamu.edu>)
 Feeds and Feeding for Junior Beef Cattle Projects
 Managing Beef Cattle for Show
 Sick Calves: How Do You Know
 Texas Show Steer Breed Classification
 The Facts on Optaflexx™
 Use of Preventative and Therapeutic Drugs in Show Animals
 Approach to Placing a Market Steer Class
 Breeding Beef Cattle Judging Outline
 Evaluating Market Steers from a Grading Standpoint
 Livestock Judging Contest Scoring Procedures
 Presentation of Oral Reasons
 Reasons Terminology for Breeding Cattle
 Reasons Terminology for Market Steers
 Sample Sets of Livestock Judging Oral Reasons by Former Members of the TAMU Livestock Judging Teams
 Why Judging Beef Cattle is Important

Project Experiences:

Major Texas livestock shows
 County shows
 Texas 4-H Roundup Beef Educational Presentation
 Texas A&M University Beef Cattle Short Course
 Spring TAMU Judging Clinics
 SpecTra - Ag. & Natural Resources

Beef Quiz Bowl

Contact:

Mr. Kevin Chilek, Extension Program Specialist - 4-H
kchilek@ag.tamu.edu 979-845-6800

This activity helps 4-H'ers increase their knowledge of beef cattle and the Texas 4-H Beef Program. Clubs can use this "game show" activity as an effective and fun teaching method any time during the year, even when inclement weather or limited resources prohibit outdoor activities. 4-H members who do not own beef cattle can participate. Counties and districts schedule

their Beef Bowls at various times of the year. State 1st and 2nd place teams advance to national competition. Refer to the "4-H Quiz Bowl Guide."

Livestock Judging

The three national livestock judging events Texas 4-H youth can compete in are: North American Livestock Exposition—Louisville, Kentucky, November; American Royal Livestock Show—Kansas City, Missouri, November; and Western National Livestock Show—Denver, Colorado, January. The top three teams from Texas 4-H Roundup represent Texas on the national level. Partial donor support may be provided to eligible teams for each event; however, teams raise money for the remainder of needed funding. County teams must qualify at county and district to advance to Texas 4-H Roundup.

Texas A&M Beef Cattle Short Course (Youth Track)

Dr. Jason Cleere, Extension Beef Specialist

jcleere@tamu.edu 979-845-6931

beef.tamu.edu

Texas A&M AgriLife Extension and the Department of Animal Science host the Texas A&M Beef Cattle Short Course which begins the first Monday of each August each year. A youth track was added to provide youth ages 13-18 with an opportunity to experience additional hands on activities related to producing quality beef cattle. The cost is \$50.

Invitational Livestock Judging Contest and Workshop

Contact:

Dr. Jason Cleere, Extension Beef Specialist

jcleere@tamu.edu 979-845-6931

Dr. Billy Zanolino, Extension Specialist

wfzanolino@ag.tamu.edu 979-845-6533

Entry (Non-Qualifying) Teams of 3 or 4 4-H members and Individual 4-H members (open to all non-qualifying intermediate and senior 4-Hers). This contest will give youth the opportunity to further their knowledge and skills when evaluating livestock through a workshop/practicum setting. Contest will include: four judging classes (beef, swine, sheep/goat), two keep/cull classes, quiz (over production and Quality Counts), questions over judging classes (5 questions per class)

Texas A&M University Livestock Judging Camp

Contact:

Mr. Brant Poe, Lecturer

brant_poe@tamu.edu 979-845-7616

The Department of Animal Science and the Texas 4-H & Youth Development Program annually host the "Texas A&M University 4-H Livestock Judging Camp." The camp is designed for 4-H youth ages 14-17 that are interested in building their knowledge about the evaluation principles associated with marketing and breeding beef, swine, and sheep. Oral reasons, live grading and the use of performance data will be heavily stressed. The cost range is \$250-\$500.

Beef Educational Presentation

Contact:

Dr. Jason Banta, Assistant Professor

jpbanta@ag.tamu.edu 903-834-6191

Beef demonstration allows 4-H members to give presentations on all aspects involving the beef industry. Such topics include reproduction, health care, breeds and breed characteristics, and other management aspects.

San Antonio Livestock Show Beef Skill-A-Thon

Contact:

Dr. Jason Cleere, Extension Beef Specialist

jjcleere@tamu.edu 979-845-6931

San Antonio Livestock Show and Rodeo will host their Beef Skill-A-Thon on Wednesday, February 15, 2012. This contest focuses on a young persons knowledge and skills of of the beef cattle industry. Winners from the event will be eligible for scholarships through the San Antonio Livestock Exposition.

Recordbook Category:

Beef

Career Exploration Opportunities:

Breeding supply consulting service

Artificial insemination service

Supply dealer

Processing plant owner

Branding service

Fertilizer dealer

Auctioneer

USDA grader

Show manager

Livestock barn operator/order buyer

Feed lot owner/manager

Breed association representative

Equipment manufacturing and sales

Feed sales/nutritionist

Volunteer Opportunities

Livestock Mentor Program - see "Volunteer"

BIOLOGICAL SCIENCES

Printed Resources:

Project Experiences:

Open Class Educational Presentation at county, district, and state levels.

Recordbook Category:

Science, Technology and Engineering

Career Exploration Opportunities:

Agronomy

Biophysics

Developmental Biology

Environmental Law

Forensic Entomology

Forestry

Genetic Counseling

Immunology

Medical Practice

Molecular Biology

Neurobiology

Secondary School Teaching

Systematics

Veterinary Medicine



CAMPS

Texas 4-H Teen Leader Retreat

Contact:

Dr. Darlene Locke, Director - 4-H Conference Center

dlocke@ag.tamu.edu 325-784-5483

This educational program focuses on the development of intensive leadership skills and targets 4-H members age 13 and older. Young people explore their own leadership styles and potential and develop plans for implementation at the local, county and district levels. This workshop is held annually in January.

Summer Programs For Counties

Contact:

Dr. Darlene Locke, Director - 4-H Conference Center

dlocke@ag.tamu.edu 325-784-5483

This program brings counties together for a 3- or 4- day event planned and implemented by the Texas 4-H Center summer staff. Counties must provide their own chaperones at a ratio of one chaperone for every eight youth of the same gender. Recreational opportunities include shooting sports, archery, canoeing, swimming, folk dancing, sport fishing, and more. Information is distributed to county offices by October. Sessions are scheduled in July.

Prime Time

Contact:

Dr. Darlene Locke, Director - 4-H Conference Center

dlocke@ag.tamu.edu 325-784-5483

Prime Time helps youth ages 9 to 13 learn interpersonal skills and develop lifetime friendships. Programming focuses on educational and recreational experiences, with emphasis on helping young people understand the opportunities that are available in the future. Information is distributed to counties via electronic format. Sessions are scheduled in July.

Junior Leadership Retreat

Dr. Darlene Locke, Director - 4-H Conference Center

dlocke@ag.tamu.edu 325-784-5483

Junior Leadership Retreat provides youth ages 9-14 a state level leadership development experience. Workshops, facilitated by Texas 4-H Council and other senior level 4-H youth,

are on leadership, group dynamics, leading recreation, etc. Additionally, youth experience service opportunities. Workshop conducted annually in November.

Horizons

Contact:

Dr. Darlene Locke, Director - 4-H Conference Center
dlocke@ag.tamu.edu 325-784-5483

Horizons is a four day, three night camp experience focused on project enhancement and career exploration, held at the 4-H Conference Center. Four to six project areas will be featured each year. Youth of junior and intermediate age participate in approximately fifteen hours of educational workshops in one project area, along with project specific community service opportunities. Evening activities involve all participants in team building and recreational activities. These sessions are coordinated and led by a team of County Extension Agents, or Adult Volunteer and Teen Leaders. Teen leaders apply for this leadership opportunity by completing an online application and submitting required letters of recommendation. Youth selected as Teen Leaders will pay a reduced registration fee. Additional information to be available on the 4-H Center website, texas4hcenter.tamu.edu

Texas 4-H Center Summer Staff Opportunities

Contact:

Dr. Darlene Locke, Director - 4-H Conference Center
dlocke@ag.tamu.edu 325-784-5483

Texas 4-H is known for the quality of youth leadership that comes from the program. These youth are valuable resources at the local, county, district and state levels. The Texas 4-H Center employs a summer staff to plan, implement and evaluate programming for summer activities.

Summer staff applicants are not required to have been 4-H members, but they must have successfully completed one year of college (this does not include college course work taken during high school). Applications and information for these positions are distributed to county offices by January. Interviews are conducted in February and March. All Summer Staff are required to participate in an intensive training session in May. Positions available are Program Assistants, Counselors, Lifeguards and Aquatics Supervisor.

Memorials and Donations to Camps and/or Texas 4-H Conference Center

Memorials and donations can be made to the Texas 4-H Conference Center by individuals and groups/organizations. Please make donations payable to: Texas 4-H Center, 5600 FM 3021, Brownwood, TX 76801.

Other Camp Opportunities

Contact:

Local county Extension office or district or regional websites for youth camp experiences.

CHARACTER EDUCATION

Printed Resources:

Character Counts!
 Take a Stand Bullying Curriculum
 Character Becomes You! (B-6128)
 Quality Counts (4-H CHE-1)
 Quality Counts Gold (CHE-2)
 Texans Building Character
 Character Counts – www.charactercounts.org
 Auto B Good - www.studentsbgood.com
 Character Classics – www.characterbuilding.com

Project Experiences:

Quality Counts

Contact:

Dr. Kevin Chitek, Extension Program Specialist - 4-H
kchitek@ag.tamu.edu 979-845-6800

Dr. Billy Zanolino, Extension Specialist
wfzanolino@ag.tamu.edu 979-845-6533

This curriculum was developed through a partnership between Texas A&M AgriLife Extension Service and Texas FFA. Quality Counts is a comprehensive program for all 4-H and FFA members in Texas who are involved in the youth livestock program. Texas has the largest number of 4-H and FFA livestock projects in the nation. “Quality Counts” is designed to teach young people the importance of displaying good character in carrying out livestock projects and in every aspect of their lives. This curriculum will also help youth learn the importance of using proper livestock management practices so that food quality and safety are preserved.

Recordbook Category:

Personal Development

Career Exploration Opportunities:

County Extension Agent
 Agri-Science Teacher
 School Teacher
 Community Volunteer
 Mentor

CITIZENSHIP

Printed Resources:

Keys to the Courthouse County Government Guide
 National 4-H Curriculum (www.n4hccs.org):
 Citizenship Adventure Kit
 Citizenship Guide’s Handbook

Project Experiences:

Texas 4-H Congress

Contact:

Dr. Toby L. Lepley, Extension 4-H and Youth Development Specialist
t-lepley@tamu.edu 979-845-1212

This mock legislative educational event is held in Austin in even-numbered years. During the week-long program, senior 4-H youth experience the legislative process first hand. By role-playing senators, representatives, lobbyists and press corps members, youth are exposed to the full political scene. Activities

range from debating bills in the actual Texas Legislature chambers to socializing with advocates and opponents at evening receptions. Youth return to their communities with a better understanding of how our state government works. Information is sent to county Extension offices in the Fall preceding the event year.

National County Government Month - April of each year

Contact:

National Association of Counties

www.naco.org

National County Government Week (NCGW) is an annual celebration of county government. First held in 1990, the goal of county government week is to raise public awareness and understanding about the roles and responsibilities of the nation's counties. There are activities at the national, state and local levels during county government week. More than 1,000 counties annually participate in NCGW by holding a variety of programs and events. These include tours of county facilities, presentations in schools, meetings with businesses and community leaders, recognition programs for volunteers, briefings on environmental projects, and adoption of proclamations.

Patriotism through Preparedness (B 6179)

Contact:

Dr. Toby L. Lepley, Extension, 4-H and Youth Development Specialist
t-lepley@tamu.edu 979-845-1212

Patriotism through Preparedness, is a disaster preparedness program developed for youth. Disasters can cause children to experience many different feelings, especially fear and sadness. Allowing children to actively participate in a family disaster plan is an excellent way to build their confidence and may help them cope better with their feelings in the event of a disaster. The curriculum was developed to help parents and youth/children bond together in preparing for an emergency and/or disaster.

Recordbook Category:

Citizenship and Civic Education

Career Exploration Opportunities:

Elected Official

Social Worker

First Responder (Police Officer, EMT, Firefighter)

CLOTHING AND TEXTILES

Printed Resources:

Clothes that Click (FCS 2-2)

Clothing Capers (FCS 2-1)

Clothing Quality Standards (E-403)

National 4-H Curriculum (www.n4hccs.org)

Sewing - Group Activity Helper's Guide

Sewing - Let's Sew Book

Sewing 1 - Under Construction

Sewing 2 - Fashion Forward

Sewing 3 - Refine Design

Yea 4-H! 6-8

Project Experiences:

Fashion Storyboard

Contact:

Ms. Angela McCorkle, Program Specialist

armccorkle@ag.tamu.edu 979-845-3850

The 4-H Fashion Storyboard will replace the Fabric and Fashion Design contest beginning in 2011. The purpose of the Fashion Storyboard contest is to give 4-H members an opportunity to create a storyboard of their original design. 4-H Fashion Storyboard is an industry-inspired method of displaying of original designs. The storyboard includes original illustrations and flats, as well as, additional materials (such as photos from the internet or magazines, paper, fabric swatches, patterns, etc.) that have influenced the unique design. Participation in the Fashion Storyboard contest provides members an opportunity to gain knowledge of career responsibilities of a fashion designer and illustrator, enhance creativity and originality and develop visual communication skills.

State competition for Fashion Storyboards is held during Texas 4-H Roundup. Individuals must qualify at county and district level to advance to state. Complete contest guidelines are available in the 2011 4-H Clothing and Textiles Annual Packet.

Fashion Show

Contact:

Ms. Angela McCorkle, Program Specialist

armccorkle@ag.tamu.edu 979-845-3850

4-H Fashion Show at the county level is an optional activity open to all 4-H members who have completed a clothing project. Members can compete in the construction or buying division. Each division includes 4 categories (casual, dressy, formal and specialty). The purpose of the Fashion Show contest is to recognize 4-H members who have excelled in in clothing projects and exhibit skills in the following: application of knowledge of fibers and fabrics to wardrobe selection, clothing construction or comparison shopping, fashion interpretation and understanding of style, good grooming and poise in presenting themselves and their garments.

Members can also choose to compete in the Fashion Show Natural Fiber contest. The purpose of the Natural Fiber division is to encourage the study, promotion and use of cotton, wool, and mohair – the natural fibers produced in Texas.

Senior 4-H members who have completed and won at the district Fashion Show competition can compete at the Fashion Show at State Roundup. Each district may send one contestant from each of the four categories (casual, dressy, formal, and specialty) in construction and buying. 4-H members who have placed first in the district Fashion Show Natural Fiber contest may enter the Fashion Show Natural Fiber Competition at State 4-H Roundup. District winners in the Fashion Show category (casual, dressy, formal, specialty) in buying or construction division are no longer able to compete in the Natural fiber contest, unless they win the district Natural Fiber Contest. If a participant is a district Fashion Show buying or construction winner and a district

Fashion Show Natural Fiber winner they will be able to compete in both contests. Complete contest guidelines are available in the 2011 4-H Clothing and Textiles Annual Packet.

Quilt Challenge

Contact:

Ms. Angela McCorkle, Program Specialist
armccorkle@ag.tamu.edu 979-845-3850

The 4-H Quilt Challenge is a Clothing and Textiles community service project. 4-H youth of all ages have the opportunity to create a quilt based on the given challenge fabric. Complete guidelines are available in the 2012-13 Clothing & Textiles Annual Packet.

Clothing & Textiles Advisory Board

Contact:

Ms. Angela McCorkle, Program Specialist
armccorkle@ag.tamu.edu 979-845-3850

The Texas 4-H Clothing and Textiles Advisory Board offers 4-H members, volunteer leaders and county Extension agents an opportunity to help determine and expand the 4-H clothing program by recommending and implementing special activities and new project ideas.

Recordbook Category:

Clothing and Textiles

Career Exploration Opportunities:

Fashion Designer
Seamstress
Buyer/Purchaser
Textile Designer
Retail Sales/Management
Dry cleaner

CLUB ED

Contact:

Ms. Kelli Lehman, Extension Program Specialist - 4-H
klehman@ag.tamu.edu 940-552-9941

Club Ed is a resource for club officers and club managers to gather ideas, management information, ceremonies, inspirations, program ideas, and other great club resources. The resource is organized month by month in order to make it easier for information gathering. In each month you will find the following pieces of information: Club Activities, Club Managers Checklist, Community Service Activities, Flag Ceremonies, Ice Breakers, Inspirations, Parent Opportunities, Program Ideas

COMMUNITY SERVICE PROJECTS

Community Service Projects are a service learning experience where youth determine a need for their community and/or county. From the determination, an action plan of how to help and care for those in need, or assist as much as possible, is created. The plan is put into place by youth (and adults) working to organize the necessary persons, develop or collect the necessary resources, and then implement or distribute the need

to the community. A quality community service project should include a follow up with those assisting with the project. This follow up should include a reflection of the participants thoughts, feelings, and knowledge gained as to how and either help with future situations, or to prevent them.

one day 4-H

Contact:

Dr. Toby L. Lepley, Extension 4-H and Youth Development Specialist
t-lepley@tamu.edu 979-845-1212

This new statewide day community service project will be held on Saturday, October 9, 2010 the final day of National 4-H Week. 4-H members from all counties in Texas are encouraged to take one day to give back to their community or county by serving others. Projects can be done as individuals or as groups and can range from some as simple as mowing the lawn for someone to the creation of the next big community service! For more information visit the one day 4-H website at: <http://texas4-h.tamu.edu/oneday>.

COMPANION ANIMALS

Printed Resources:

National 4-H Curriculum (www.n4hccs.org):

Pets - Group Activity Helper's Guide

Pets 1 - Pet Pals

Pets 2 - Scurrying Ahead

Pets 3 - Scaling the Heights

Cat 1 - Purr-fect Pals

Cat 2 - Climbing Up!

Cat 3 - Leaping Forward

Cat Group Helper's Guide

Project Experiences:

Companion Animal Educational Presentation

Contact:

Ms. Kelli Lehman, Extension Program Specialist - 4-H
klehman@ag.tamu.edu 940-552-9941

Relate to skills learned in any project concerning the care, maintenance, or production of small animals (e.g. dogs, hamsters, fish, etc.). Do not draw from projects included in other Roundup contests (e.g. poultry, swine, natural resources). Small live animals are allowed. Arrangements to house animals off-campus must be made ahead of contest week with the contest superintendent.

Recordbook Category:

Companion Animal

Career Exploration Opportunities:

Animal Control Officer

Pet Caretaker

Groomer

Veterinarian/Vet Tech

Pet Store Owner

Animal Shelter

COMPUTER SCIENCE

Printed Resources:

National 4-H Curriculum (www.4hccs.org)
 Robotics - Robotics and You CD
 Robotics 1 - Robotics EXPLORER
 Robotics 2 - Robotics PROBE
 Robotics Helper's Guide - Robotics COACH
 Geospatial - Beginner
 Geospatial - Intermediate
 Geospatial - Advanced
 Geospatial Helper's Guide

Project Experiences:

4-H Youth Technology Team

Contact:

Dr. Toby L. Lepley, Extension 4-H and Youth Development Specialist
t-lepley@tamu.edu 979-845-1212

The 4-H Youth Technology Team concept surfaced as a result of a Texas youth delegation participating in the National 4-H Youth Technology Conference. 4-H youth selected for this team will focus toward incorporating technology into current projects and developing an individual 4-H project that would attract youth interested in computer technology.

Computer Educational Presentation:

Dr. Toby L. Lepley, Extension 4-H and Youth Development Specialist
t-lepley@tamu.edu 979-845-1212

The purpose of the Computer Educational Presentation at Texas 4-H Roundup is to demonstrate the latest in technology information. This includes presentation on new and innovative software and hardware. It can also include presentations on how technology in being intergrated into the everyday world.

Recordbook Category:

Science, Engineering, and Technology

Career Exploration Opportunities:

Computer Designer
 Retail Sales
 Graphic Designer
 Programmer
 GIS/GPS Specialist
 Intelligence Specialist
 Medical Technician

Volunteer Opportunities:

Computer Technology Team Leader

CONSUMER EDUCATION

Printed Resources:

Consumer Decision Making Study Guide
 (<http://consumerdecisionmaking.tamu.edu>)
 National 4-H Curriculum (www.n4hccs.org):
 Consumer Savvy - Group Activity Helper's Guide
 Consumer Savvy 1 - The Consumer In Me
 Consumer Savvy 2 - Consumer Wise

Consumer Savvy 3 - Consumer Roadmap
 Financial - Group Activity Helper's Guide
 Financial 1 - Money FUNDamentals
 Financial 2 - Money Moves
 NEFE The High School Financial Planning Program (www.nefe.org/HighSchoolProgram/tabid/146/Default.aspx)

Project Experiences:

Consumer Decision Making Contest

Contact:

Mr. Andy Hart, Extension Program Specialist - 4-H
amhart@ag.tamu.edu 806-746-6101

Mr. Luis Saldana, Extension Program Specialist - 4-H
l-saldana@tamu.edu 956-968-5581

This contest will include eight judging classes and two sets of oral reasons. Seven classes are selected from the current Consumer Decision Making Study Guide; the eighth class is a "Mystery" class. Participants are given seven minutes to place each class and two minutes to present each set of oral reasons. Participants must be enrolled in the 4-H Consumer Life Skills project.

Recordbook Category:

Consumer Education

Career Exploration Opportunities:

Products Buyer
 Market Analyst
 Economist
 Marketing Executive
 Advertising Executive
 Market Researcher
 Product Developer
 Consumer Educator
 Credit Counselor
 Market Researcher
 Financial Analyst
 Extension Educator
 Consumer Law

COUNCIL

Contact:

County Extension Office

4-H members at the county, district, and state levels have the opportunity to participate in 4-H councils. These 4-H councils provide leadership in the direction of the 4-H program at their respected levels. 4-H Councils are typically elected by representatives at the local, district, and state levels. Depending on the level of the council, representatives and officer elections may be conducted in a variety of methods.

D

DAIRY CATTLE

Printed Resources:

National 4-H Curriculum (www.n4hccs.org):

- Dairy Cattle 1 - Cowabunga!
- Dairy Cattle 2 - Mooving Ahead
- Dairy Cattle 3 - Rising to the Top
- Dairy Cattle Group Helper's Guide
- Mobile Dairy Classroom

Project Experiences:

Dairy Cattle Judging

Contact:

Dr. Kyle Merten, Extension Program Specialist - 4-H
kjmerten@ag.tamu.edu 979-845-6533

The National Dairy Cattle Judging will be in Madison, Wisconsin during October. The exact date is to be announced. The first place 4-H Roundup team competes there. The second place team will be given the opportunity compete at the North American International Livestock Exposition in Louisville, Kentucky in November. Partial donor support may be provided to eligible teams for each event; however, teams raise money for the remainder of needed funding. County teams must qualify at the county level and district level to advance to state.

National Dairy Conference

Contact:

Dr. Kyle Merten, Extension Program Specialist - 4-H
kjmerten@ag.tamu.edu 979-845-6533

The National 4-H Dairy Conference is for 15 to 18 year-olds who have participated in the 4-H Dairy Program for at least three years. The Dairy Conference is an educational program designed to provide a way for the dairy industry to meet the developmental needs of youth; provide a better understanding of the production, processing, marketing and use of dairy products; and provide a broader understanding of careers available in dairy production, processing, marketing, and selected areas. The conference is held in conjunction with the World Dairy Expo and the National Dairy Cattle Judging Contest in Madison, Wisconsin in October.

Recordbook Category:

Dairy

Career Exploration Opportunities:

- Breeding supply consulting service
- Artificial insemination service
- Supply dealer
- Processing plant owner
- Branding service
- Fertilizer dealer
- Auctioneer
- USDA grader
- Show manager

- Livestock barn operator/order buyer
- Breed association representative
- Equipment manufacturing and sales
- Feed sales/nutritionist

DOG CARE AND TRAINING

Printed Resources:

National 4-H Curriculum (www.n4hccs.org):

- Dog 1 - Wiggles and Wags
- Dog 2 - Canine Connection
- Dog 3 - Leading the Pack
- Dog Group Helper's Guide
- 4-H Guide: Dog Training and Dog Tricks by Tammi Rogers
- The Beginner's Guide to Dog Agility by Laurie Leach

Project Experiences:

Dog Show

Contact:

Ms. Michelle Mihalek, County Extension Agent - 4-H and Youth Development, Montgomery County
mmmihalek@ag.tamu.edu 936-539-7823

The 4-H Dog Show is open to any 4-H member in Texas. Exhibitors (or the immediate family) must have owned the dog(s) they intend to show for at least 6 months prior to the show. Dogs may be mixed breed, purebred, registered or not registered. Regular vaccinations are recommended. Health Certificates within 10 days of the show are required. The Texas 4-H Dog Show Rules are based on American Kennel Club rules and classes with some adjustments for the youth component with a focus on teamwork. Beginning dogs are entered in pre-novice classes and more advanced dogs are entered in more demanding classes. Each class has set commands and conditions under which the dog is expected to perform.

Dog Photography Contest

Contact:

Ms. Michelle Mihalek, County Extension Agent - 4-H and Youth Development, Montgomery County
mmmihalek@ag.tamu.edu 936-539-7823

One of the events available at the Texas 4-H Dog Show. Members do not have to own a dog to be able to participate in the Dog Photography Contest. Details are available in the Texas 4-H Dog Show Rules available at http://texas4-h.tamu.edu/youth/dogshow/index_youth_dogshow.php

Guide Dog Program

Contact:

Southeastern Guide Dogs, Inc.
Attention Puppy Department
4210 77th Street East
Palmetto, Florida 34221

The 4-H program, in conjunction with the U.S. Guide Dog Council, attempts to match interested families with quality dogs, training materials, and professional assistance to develop needed companion guide dogs for the nation's physically challenged. For more information about applications, processes and procedures contact Southeastern Guide Dogs, Inc.

Companion Animal Educational Presentation

Contact:

Ms. Kelli Lehman, Extension Program Specialist - 4-H
klehman@ag.tamu.edu 940-552-9941

Relate to skills learned in any project concerning the care, maintenance, or production of small animals (e.g. dogs, hamsters, fish, etc.). Do not draw from projects included in other Roundup contests (e.g. poultry, swine, natural resources). Live animals are allowed. Arrangements to house animals off-campus must be made ahead of contest week with the contest superintendent.

Dog Project Advisory Board

Contact:

Ms. Michelle Mihalek, County Extension Agent - 4-H and Youth Development, Montgomery County
mmihalek@ag.tamu.edu 936-539-7823

The purpose of the Dog Project Advisory Board is to empower youth and volunteers by giving them leadership and oversight to the 4-H Dog Project. The Advisory Board helps to ensure relevancy of the 4-H Dog Project by giving youth and volunteers the opportunity to provide vision for the future of the project including project materials, activities, SET ability terminology and recommending program direction, special activities, new materials and competitive events. Membership on the advisory board is open to senior 4-H members (age 14 as of August 31, 2010), volunteers and County Extension Agents. Members will serve a two-year term beginning in August 2011 and are required to attend meetings held at least two times per year. (August and May). Applications will be available in May.

Recordbook Category:

Companion Animal

Career Exploration Opportunities:

Breeder

Trainer

Vet. Tech

Groomer

Boarder

Sales

Handler

Animal Behaviorist

Veterinarian

Animal Control

Law Enforcement/Military K-9 units

Search and Rescue

E

EDUCATIONAL PRESENTATIONS

See specific projects for detailed descriptions.

More than 18 Educational Presentation categories allow 4-H members from the age of 9 to 18 to present educational presentations using posters, powerpoints, props, or just the power of words to educate the audience on a specific topic and/or issue. Educational Presentations can be presented by an individual 4-H member or with a team up to five 4-H members. The presenting team has twelve minutes to present the topic/issue, in addition to another nine minutes for setup and takedown.

ENTOMOLOGY

Printed Resources:

National 4-H Curriculum (www.n4hccs.org):

Entomology - Group Activity Helper's Guide

Entomology 1 - Creepy Crawlies

Entomology 2 - What's Bugging You?

Entomology 3 - Dragons, Houses and Other Flies

Kidz Ants Curriculum (<http://kidzants.tamu.edu/>)

Teacher Guide (B-6141)

Student Fun Book (B-6142)

Yea 4-H! 6-8 age, Buggin' Out Unit

Project Experiences:

Beekeeping Essay Contest

Contact:

Dr. Kyle Merten, Extension Program Specialist - 4-H
kjmerten@ag.tamu.edu 979-845-6533

The American Beekeeping Federation Essay Contest is designed to stimulate interest in honey bees and to promote a better understanding of the value of bees. It is open to all active 4-H members. State entries are due January 10th. One state winner is selected by March 1 and sent to national. The national winner is announced around May 1.

Entomology Identification Contest

Contact:

Dr. Carlos Bogan, Associate Professor & Extension Specialist
c-bogan@tamu.edu 979-845-6800

Identify selected insects and complete a written examination on insects. Questions will be selected primarily from "Study Materials for 4-H Entomology Contests."

Yea 4-H! 6th - 8th grade, Buggin' Out Unit

Contact: District 4-H Specialist

Junior-level 4-Hers will make an insect collection. Participants in the other two age categories will identify selected insects and complete a written examination on insects. Questions will be selected primarily from Study Materials for 4-H Entomology, 2010 Revision, found at:

<http://insects.tamu.edu/youth/4H/index.html>

Recordbook Category:

Entomology

Career Exploration Opportunities:

Agricultural Chemical Companies (Research/Development/Sales)

Agricultural Consultant

Biological and Genetic Technology

Forest Entomology

Human Health

Insect Management Computer Software Development/Insect Modeling

Law Enforcement (Forensic Entomology/Forensic Sciences)

Military (Medical Services Corps)

Mosquito Abatement Districts

Pest Control

Pharmaceutical Industry

Plant Protection

Research Chemist

Seed Industry (Research/Development/Sales)

State Department

Teachers (Biology/Zoology/Ag Science)

University Researcher/Scientist/Extension Specialists

USDA Researcher

Veterinary Medicine

Zoos, Insect Zoos, Insect Museums

ENTREPRENEURSHIPPrinted Resources:

National 4-H Curriculum (www.n4hccs.org):

Be the E

Entrepreneurship - Group Activity Helper's Guide

Yea 4-H! 6-8 age, Biz Venture Unit

Recordbook Category:

Consumer Education

Personal Development

Leadership

Career Exploration Opportunities:

Business Owner

Market Analyst

Sales

F

4-H CONNECT<http://texas4-h.tamu.edu/>

4-H CONNECT is the on-line management program for the Texas 4-H and Youth Development Program. 4-H members and adults registering for a district and state level event that has a registration fee, will use the 4-H CONNECT program. All Texas 4-H enrollment is entered on 4-H CONNECT.

FAMILY LIFE EDUCATIONPrinted Resources:

National 4-H Curriculum (www.n4hccs.org)

Child Dev - Group Activity Helper's Guide

Child Dev 1- Growing On My Own.

Child Dev 2 - Growing with Others.

Child Dev 3 - Growing in Communities.

Recordbook Category:

Family Life

Career Exploration Opportunities:

Anthropology

Education

Psychology

Recreation,

Social Work

Sociology

FIELD & STREAMPrinted Resources:

Texas 4-H Field & Stream Guide

Something's Fishy - Teaching module - contact Billy

Higginbotham 903-834-6191

Pond and Stream Safari - item # 147L24 (N4-HC)

Fishy Science - item # 4-H625 (N4-HC)

National 4-H Curriculum (www.n4hccs.org):

Fishing 1 - Take the Bait

Fishing 2 - Reel in the Fun

Fishing 3 - Cast into the Future

Fishing for Adventure Helper's Guide

Project Experiences:

Sportfishing Volunteer Training/Advanced Sportfishing Training

Texas 4-H Sportfishing Workshops

Summer Sportfishing Camps

Golden Bonefish Tournament

Texas Brigades

Wildlife Conservation Camp

National Wildlife Invitational

Advanced Training in Wildlife and Hunting

Wildlife Habitat Evaluation Project

Contact:*Mr. Larry Hysmith, Extension Program Specialist**lhysmith@ag.tamu.edu 979-845-4865*

WHEP (Wildlife Habitat Evaluation Program) is a 4-H youth natural resource program dedicated to teaching wildlife and fisheries habitat management to junior and senior level (ages 8-19) youth in the United States.

Recordbook Category:

Wildlife & Fisheries

Career Exploration Opportunities:

Fishing Guide
 Wildlife Biologist
 Fishery Biologist
 Refuge Managers
 Outdoor Recreation Planners and Rangers
 Special Agents
 Wildlife Inspectors
 Refuge Officer
 Ecologist
 Ethologist
 Taxonomist
 Sales and Marketing

FOOD & NUTRITIONContact:

Mrs. Courtney Dodd, Extension Program Specialist - 4-H
cfodd@ag.tamu.edu 979-845-6533

Printed Resources:

USDA "My Pyramid" <http://www.mypyramid.gov>
 Food Safety <http://fightbac.org/>
 Texas A&M Agrilife Extension Service: Nutrient Needs at a Glance fcs.tamu.edu/food...nutrition/.../nutrient-needs-at-a-glance-E-589.pdf
 American Diabetes Association: Holiday Meal Planning <http://www.diabetes.org/food-and-fitness/food/planning-meals/holiday-meal-planning/>
 University of Illinois Extension: Modifying Recipes for Better Health <http://urbanext.illinois.edu/thriftyliving/tl-modifyrecipe.html>
 American Heart Association: Nutrition Center - Healthy Cooking http://www.heart.org/HEARTORG/GettingHealthy/NutritionCenter/HealthyCooking/Healthy-Cooking_UCM_001183_SubHomePage.jsp
 Cooking For Dummies, 3rd Edition
 American Dietetic Association's Complete Food & Nutrition Guide, 4th edition
 AAFCO Food: A Handbook of Terminology, Purchasing, and Preparation, 11th edition
 Balancing Food and Play (balance.tamu.edu)
 Winning with Nutrition (texas4-h.tamu.edu/publications)
 Nutrition Voyage: The Quest to be Our Best (www.teamnutrition.usda.gov/Resources/nutritionvoyage.htm)
 Texas Extension publications (<http://www.agrilifebookstore.org>)
 Electron Beam - 21 Century Food Technology SP-157
 Nutrient Needs at a Glance L-1875
 Safe Home Food Storage B-5031
 National 4-H Curriculum www.n4hcurriculum.org
 Microwave - Group Activity Helper's Guide
 Microwave 1 - Bag of Tricks & Treats
 Microwave 2 - Micro Magicians
 Microwave 3 - Amazing Rays
 Microwave 4 - Pesto Meals
 Yea 4-H! 6-8 age, S.W.A.T. Unit

Project Experiences:Food ShowContact:

Dr. Sharon Robinson, Extension Nutrition Specialist
s-robinson@tamu.edu 979-847-9227

This activity is open to all 4-H members. The Food Show provides for educational and personal development and recognizes youth who excel in the 4-H Food and Nutrition program. The state level competition is open to senior 4-H members and is held during 4-H Roundup. There are similar processes at county and district levels. Refer to "State 4-H Food Show: Guidelines, Rules and Regulations," sent to each county Extension office, for the current year information.

Food & Nutrition Quiz BowlContact:

Dr. Jenna Anding, Program Leader for Nutrition & Food Sciences
j-anding@tamu.edu 979-847-9227

This team activity helps participants learn core concepts of nutrition, food preparation, and food safety. Clubs can use this "game show" activity as an effective and fun teaching method any time during the year. Refer to "4-H Quiz Bowl Guide" for official procedures and the "Food and Nutrition Quiz Bowl Supplement."

Healthy Lifestyles Advisory BoardContact:

Mrs. Courtney Dodd, Extension Program Specialist - 4-H
cfodd@ag.tamu.edu 979-845-6533

The purpose of the Healthy Lifestyles Advisory Board is to empower youth and volunteers by giving them the opportunity to provide leadership and oversight to the 4-H food and nutrition, health and safety projects. The advisory board also helps ensure relevancy of the 4-H healthy lifestyles program by giving youth and volunteers the opportunity to provide vision for the future of the 4-H healthy lifestyles program, including project materials, activities, and recommending program direction, special activities, new materials and competitive events. Membership on the advisory board is open to senior 4-H members (age 14 as of August 31, 2012), volunteers and County Extension Agents. Members will serve a two-year term.

Food ChallengeContact:

Mrs. Courtney Dodd, Extension Program Specialist - 4-H
cfodd@ag.tamu.edu 979-845-6533

The Food Challenge is a team event, with each team made up of three to five 4-H members. Each team is randomly assigned to one of four categories – main dish, fruit and vegetable, bread and cereal, and nutritious snacks. The two phases of the contest include: (1) Preparation – From a set of ingredients provided, representative of one of the four categories, team members must work together to develop a recipe and prepare the dish within 40 minutes. During the preparation phase, teams must also prepare a presentation for the judges. (2) Presentation – Team presentations should explain the preparation steps, nutritional value of the dish, functions of the nutrients, food safety practices

and concerns related to preparation and storage of the dish, serving size and cost of the dish. The Food Challenge is offered as a Wednesday contest at Texas 4-H Roundup in June.

Healthy Lifestyles Invitational

Contact:

Mrs. Courtney Dodd, Extension Program Specialist - 4-H
cfdodd@ag.tamu.edu 979-845-6533

The 4-H Healthy Lifestyles Invitational Contest is offered at Texas 4-H Roundup in June. Intermediate and Senior 4-H members are eligible to participate in this non-qualifying event. The team event (3-4 members per team) is structured similar to a judging contest, with each team member judging/placing a class of four options/products related to a healthy lifestyles topic and based upon a given situation. Team members then work together to develop a presentation on an assigned healthy lifestyles topic.

MASH Camp

Contact:

Mrs. Courtney Dodd, Extension Program Specialist – 4-H
cfdodd@ag.tamu.edu 979-845-6533

The Medical, Activity, Safety and Health (MASH) Camp is held in the summer, with date and location to be announced on an annual basis. In partnership with the Texas A&M Health Science Center, the camp is offered to provide an opportunity for youth entering the 7th, 8th or 9th grades to learn about nutrition, physical activity, health and safety, as well as explore a variety of careers available in the health education field. Membership in the Texas 4-H and Youth Development Program is not a requirement for participation in the camp.

Recordbook Category:

Food & Nutrition

Career Exploration Opportunities:

Chef
 Registered Dietitian
 Cook
 Food processor
 Food technologist
 Grocer
 Quality Control Specialist
 Restaurant owner
 Grocery store manager
 Caterer
 Food Packager
 Food Distributor
 Health Inspector
 County Extension Agent

FORESTRY

Printed Resources:

Web Resources may also be available as printed resources. Texas 4-H Forestry Invitational (FOR-1.000); 4-H publication website
 Field Guide for the Eastman Nature Trail (<http://www.eastman.com/eastmanoutdoors/Eastman-Trailguide.pdf>)

National 4-H Curriculum (www.4-h.org/resource-library/curriculum/)

Forest of Fun curriculum

Forestry - Group Activity Helper's Guide

Forestry 1 - Follow the Path

Forestry 2 - Reach for the Canopy

Forestry 3 - Explore the Deep Woods

Project Experiences:

National Forestry Invitational Contest

Contact:

Dr. Montza Williams, Extension 4-H & Youth Development Specialist
mwilliam@ag.tamu.edu 903-834-6191

The National 4-H Forestry Invitational is the national championship of 4-H forestry. Each year, since 1980, teams of 4-H Foresters gather at Jackson's Mill State 4-H Conference Center at Weston, WV, to meet, compete, and have fun. Jackson's Mill is the boyhood home of General Thomas "Stonewall" Jackson, hero of the Civil War, and a historic setting for the Invitational. Jackson's Mill State 4-H Conference Center is the first and oldest 4-H camp in the United States and is operated by West Virginia University.

The purpose of the Invitational is to develop appreciation for the importance of conserving forest land as a source of products, benefits, and services necessary for quality living. 4-H Foresters learn citizenship and leadership skills as well as practical forest management skills through participation in the 4-H Forestry Invitational. By learning these skills young people will be better prepared to own forest land or deal with environmental issues in the future.

4-H Foresters participate in forestry skills and knowledge events over two days of competition, including:

Tree Identification
 Tree Measurement
 Forest Evaluation
 Compass Orienteering
 Topographic Map Use
 Forest Insect and Disease Identification
 Forestry Bowl
 Forestry Written Exam

Additional Invitational activities include local tours, campfires, and woodsmen skills fun competition.

The Invitational is sponsored by the International Paper Company Foundation through the Cooperative Extension Service. The event is organized and conducted by a management committee comprised of Cooperative Extension Service specialists and agents, International Paper Company employees, and professional foresters from the U.S. Forest Service, the West Virginia Division of Forestry and forestry agencies from other state governments. Expenses are responsibility of the team representing Texas.

Recordbook Category:

Natural Resources

Career Exploration Opportunities:

Forester

Lumberjack

Arborist

G

GLOBAL EDUCATION AND AWARENESS

Provides 4-H youth with educational opportunities that will cultivate an awareness of global issues, develop culturally aware citizens and provide opportunities to learn about and address major issues confronting the world.

Global Education Project can serve as a stand alone project or be used to support existing project areas such as food & nutrition, clothing & textile, expressive arts, community service, recreation, etc.

Project Experiences:*Texas 4-H County Exchange Program**Contact:**Dr. Darlene Locke, Director - 4-H Conference Center**dlocke@ag.tamu.edu 325-784-5483*

County 4-H Programs have the opportunity to establish state exchange programs with other county/parish 4-H Programs throughout the United States. This opportunity exposes 4-H members to other cultures as well as how other 4-H Programs are conducted throughout the country.

World Food Prize Institute and the Texas A&M Youth Agriculture Symposium

*Contact:**Dr. Toby Lepley, Associate Professor & Extension Specialist**t-lepley@tamu.edu 979-845-1212*

The World Food Prize Youth Institute provides a three-day all expenses paid educational opportunity and forum for high school students. Students interact with Nobel and World Food Prize Laureates and are exposed to an array of experts, facilities and organizations relating to food security. The Youth Institute also provides students with opportunities to consider careers in food, agriculture and natural resource disciplines.

The Borlaug Institute for International Agriculture has created the Texas A&M Youth Agriculture Symposium as an extension of the World Food Prize Youth Institute. Students from all over the state of Texas are invited to submit essays and participate in the event.

Other Experiences:

Interstate Exchange

International Exchange

Cultural Fair

Global Epals Network

Cultural Encounter

Recordbook Category:

Citizenship and Civic Education

Leadership

Personal Development

Career Exploration Opportunities:

Scientist

Researcher

Diplomat

Elected Official

Educator

GOATS

Printed Resources:National 4-H Curriculum (www.n4hccs.org):

Dairy Goat 1 - Getting Your Goat

Dairy Goat 2 - Stepping Out

Dairy Goat 3 - Showing the Way

Dairy Goat Group Helper's Guide

Meat Goats - Group Activity Helper's Guide

Meat Goats 1 - Just Browsing

Meat Goats 2 - Get Growing with Meat Goats

Meat Goats 3 - Meating the Future

Texas A&M Publications (<http://animalscience.tamu.edu>)

4-H Meat Goat Guide (AS 3-4.060)

Project Experiences:*Texas A&M University Goat Camp**Contact:**Dr. Shawn Ramsey, Associate Professor**sramsey@tamu.edu 979-845-7616**Dr. Billy Zanolino, Extension Specialist**wfzanolino@ag.tamu.edu 979-845-6533*

This program is for beginning and intermediate youth involved in meat goat projects. It includes sessions on ethics, facilities, selection, nutrition, health, management, fitting and showmanship. The camp is held in July and sponsored by the Animal Science Department.

*Invitational Livestock Judging Contest and Workshop**Contact:**Dr. Jason Cleere, Extension Beef Specialist**jjcleere@tamu.edu 979-845-6931**Dr. Billy Zanolino, Extension Specialist**wfzanolino@ag.tamu.edu 979-845-6533*

Entry (Non-Qualifying) Teams of 3 or 4 4-H members and Individual 4-H members (open to all non-qualifying intermediate and senior 4-Hers). This contest will give youth the opportunity to further their knowledge and skills when evaluating livestock through a workshop/practicum setting. Contest will include: four

judging classes (beef, swine, sheep/goat), two keep/cull classes, quiz (over production and Quality Counts), questions over judging classes (5 questions per class)

Goat Field Day

Contact:

Mr. Scott Horner, Dairy Goat Specialist
s-horner@tamu.edu 936-261-5087

This annual event is designed to convey the latest in goat research information to the public and provide hands-on practice in advanced management skills and refresher courses in the basics of dairy goats to producers.

Goat Judging Contest & Goat Bowl

Contact:

Mr. Scott Horner, Dairy Goat Specialist
s-horner@tamu.edu 936-261-5087

This annual event is open to all 4-H members and is held on the first Saturday in August at Prairie View A&M University.

Dairy Goat Show

Contact:

State Fair of Texas
<http://www.bigtex.com/>

The show is open to all 4-H members with dairy goat projects. Youth must own the goats exhibited and maintain them as regular 4-H projects. One goat may be entered per class per exhibitor. Members must show their own goats. All purebred and recorded grades are eligible. Rules are available from the show secretary. Currently, the Dairy Goat Show is held at the State Fair of Texas. Refer to the State Fair show catalog for information.

Goat Kid Giveaway Program

Contact:

Mr. Scott Horner, Dairy Goat Specialist
s-horner@tamu.edu 936-261-5087

The Cooperative Extension Program, in cooperation with the International Goat Research Center, sponsors this program to bring quality dairy, boar, or miniature goats and interested 4-H members together. The 4-H members do not have to have experience with goats, but they must show a high level of interest and responsibility, and have adequate facilities and help to successfully raise a goat. After the 4-H member receives a goat, he or she is obligated to fulfill a contract with the Cooperative Extension Program at Prairie View A&M University. The 4-H Goat Kid Giveaway is held each year during the Dairy Goat Field Day on the first Saturday in May at Prairie View A&M University.

Texas Sheep And Goat Youth Leadership Workshop

Contact:

Dr. Frank Craddock, Extension Sheep & Goat Specialist
b-craddock@tamu.edu 325-653-4576

This workshop is a week-long intensive training tour of the Texas sheep and goat industry. Participants learn about all facets of the industry. The workshop is offered to junior and senior age

youth during the summer of odd numbered years.

Mohair Judging Contest

Contact:

Dr. Frank Craddock, Extension Sheep & Goat Specialist
b-craddock@tamu.edu 325-653-4576

Teams can compete in two separate contests in which they evaluate wool and mohair on grade, texture, crimp, etc. The National 4-H Wool Judging Contest will also be held in conjunction with the Sonora Open in June in Sonora, Texas. Partial donor support may be provided to eligible teams for each event; however, teams raise money for the remainder of needed funding.

Recordbook Category:

Goats

Career Exploration Opportunities:

Goat Breeder
Food Product Developer
Show Judge
Farmhand
Owner/Manager/Share Farmer
Livestock Manager/Overseer
Cropping Manager/Overseer
Specialist Managers
Specialist Contractors
Farm Business Owner/Manager
Shearing Contractor
Shearer
Wool Handler
Wool Classer

Volunteer Opportunities:

Livestock Mentor Program - see "Volunteer"

GOLF

Project Experiences:

Texas 4-H Golf Challenge

Dr. Kyle Merten, Extension Program Specialist
Kjmerten@ag.tamu.edu 979-845-6533

The Texas 4-H Golf Challenge was developed by county Extension agents, 4-H Specialists, and others to provide youth the opportunity to compete in an outdoor sporting event. While competing, youth also have the opportunity to gain invaluable knowledge in the areas of sports nutrition, golf course and turf grass management, and the rules and etiquette of golf.

The specific objectives of the program include:

- Provide youth the opportunity to build character traits while learning the rules and etiquette of golf;
- Teach and promote teamwork in youth participants;
- Promote physical activity in youth participants;
- Teach youth the importance of proper nutrition while competing in sporting events.
- Build knowledge in the area of golf course and turf grass management;
- Give youth the opportunity to display what they have

learned by participating in a new, healthy, competitive event; and

- Provide youth the opportunity to build character traits while learning the rules and etiquette of golf.

Golf Challenge Regional Events

Dr. Kyle Merten, Extension Program Specialist
Kjmerten@ag.tamu.edu 979-845-6533

Youth have the opportunity to participate in 4 regional events that take place starting in June and run through the end of July. Youth may participate in one or all of the regional events and are not restricted to the event located in their region. Teams are made up of 3 youth (can be mixed ages, gender, and county). Each Intermediate and Senior level team will play an 18 hole best ball scramble, answer 9 on-course scenarios, and take a 25 question quiz over the three main program areas discussed in the Golf Challenge Program.

Golf Challenge State Qualifying Event

Dr. Kyle Merten, Extension Program Specialist
Kjmerten@ag.tamu.edu 979-845-6533

Youth who place in the top 5 in each of the regional events have the opportunity to go on and participate in the state-qualifying event which rotates around the state and takes place in late July. The format of this event is setup just like the regional events, but is more challenging.

Golf Challenge Swing Camp

Dr. Kyle Merten, Extension Program Specialist
Kjmerten@ag.tamu.edu 979-845-6533

This two-day camp is held every fall in College Station and provides youth interested in the Golf Challenge Program the opportunity to improve their golf swing. Youth will work with golf professionals on different putting, chipping, pitching, and iron play techniques. They will also have the opportunity to learn about proper fitness and nutrition as it relates to playing golf.

Golf Challenge Camp

Dr. Kyle Merten, Extension Program Specialist
Kjmerten@ag.tamu.edu 979-845-6533

This two-day camp is held each spring and prepares youth for the regional golf challenge events. Topics discussed during this camp sports nutrition, golf course and turf grass management, rules and etiquette of golf, as well as swing fundamentals. This camp is also setup to allow youth who are interested in any of these fields to learn more about career opportunities and ways to begin preparing for college. This is a very interactive and hands-on camp for youth.

H

HEALTH

Printed Resources:

National 4-H Curriculum (4hcurriculum.org)
 Health and Fitness
 Color Me Healthy (www.colormehealthy.com)
 Extension Resources (fcs.tamu.edu)
 Family Health
 Health Hints Newsletter
 Diabetes
 Cancer

Project Experiences:

Focus on Health Educational Presentation

Contact:

Ms. Alice Kirk, Extension Program Specialist
ab-kirk@tamu.edu 979-458-2098

The annual Focus on Health Contest is open to all 4-H members. The contest provides for educational and personal development and recognizes youth who are interested in health education topics. Suggested topics for the contest include increasing physical activity among youth, reducing cancer risks (sun safety, tobacco prevention), hand-washing, first aid, prevention of communicable diseases, dental care, and stress management. The state level competition is open to senior 4-H members and is held during 4-H Roundup. For more information, refer to the Texas 4-H Roundup Guide.

Healthy Lifestyles Advisory Board

Contact:

Mrs. Courtney Dodd, Extension Program Specialist - 4-H
cfldodd@ag.tamu.edu 979-845-6533

The purpose of the Healthy Lifestyles Advisory Board is to empower youth and volunteers by giving them the opportunity to provide leadership and oversight to the 4-H food and nutrition, health and safety projects. The advisory board also helps ensure relevancy of the 4-H healthy lifestyles program by giving youth and volunteers the opportunity to provide vision for the future of the 4-H healthy lifestyles program, including project materials, activities, and recommending program direction, special activities, new materials and competitive events. Membership on the advisory board is open to senior 4-H members (age 14 as of August 31, 2012), volunteers and County Extension Agents. Members will serve a two-year term.

Healthy Lifestyles Invitational

Contact:

Mrs. Courtney Dodd, Extension Program Specialist - 4-H
cfldodd@ag.tamu.edu 979-845-6533

The 4-H Healthy Lifestyles Invitational Contest is offered at Texas 4-H Roundup in June. Intermediate and Senior 4-H members are eligible to participate in this non-qualifying event. The team event (3-4 members per team) is structure similar to a judging contest, with each team member judging/placing a class

of four options/products related to a healthy lifestyles topic and based upon a given situation. Team members then work together to develop a presentation on an assigned healthy lifestyles topic.

MASH Camp

Contact:

Mrs. Courtney Dodd, Extension Program Specialist – 4-H
cfdodd@ag.tamu.edu 979-845-6533

The Medical, Activity, Safety and Health (MASH) Camp is held in the summer, with date and location to be announced on an annual basis. In partnership with the Texas A&M Health Science Center, the camp is offered to provide an opportunity for youth entering the 7th, 8th or 9th grades to learn about nutrition, physical activity, health and safety, as well as explore a variety of careers available in the health education field. Membership in the Texas 4-H and Youth Development Program is not a requirement for participation in the camp.

Recordbook Category:

Health

Career Exploration Opportunities:

Health Educator
 Nursing
 Radiology
 Pharmacology
 Medical care
 Public Health
 Vision Care
 Emergency Medical Services
 Dietetics & Nutrition
 Health Care Service Administrator
 Clinical Laboratory Science
 Health Information Management
 Extension Health Specialist
 Wellness Coach
 County Extension Agent
 Health Inspector
 Physician's Assistant

HORSE

Printed Resources:

National 4-H Curriculum (www.n4hccs.org):
 Horse - Group Activity Helper's Guide
 Horse 1 - Giddy Up & Go
 Horse 2 - Head, Heart & Hooves
 Horse 3 - Stable Relationships
 Horse 4 - Riding the Range
 Horse 5 - Jumping to New Heights
 Horse Pattern
 Texas 4-H Horse Project & Teaching Outlines (AS 3-2.031)
 4-H Quiz Bowl Guide (4-H 3-2.030)
 Horse Quiz Bowl Supplement (4-H 3-2.031)
 Texas 4-H Horsemanship Leader Guide (AS 3-2.032)
 Youth and Collegiate Horse Judging Leader Guide (AS 1-2.120)
 Youth and Collegiate Horse Judgeing Manual (AS 3-2.051)

Project Experiences:

Horse Quiz Bowl

Contact:

Dr. Kevin Chilek, Extension Program Specialist - 4-H
kchilek@ag.tamu.edu 979-845-6800

This activity helps 4-H'ers increase their knowledge of horses and the Texas 4-H Horse Program. Clubs can use this "game show" activity as an effective and fun teaching method any time during the year, even when inclement weather or limited resources prohibit riding or other outdoor activities. 4-H members who do not own a horse can participate. Counties and districts schedule their Horse Bowls at various times throughout the year. State 1st, 2nd, and 3rd place teams advance to national competition. Refer to the "4-H Quiz Bowl Guide" and "Horse Quiz Bowl Supplement" for official references.

Horse Educational Presentation & Public Speaking Events

Contact:

Dr. Dennis Sigler, Extension Horse Specialist
dsigler@tamu.edu 979-845-1562

Ms. Teri J. Antilley, Horse Program Specialist
tjantilley@ag.tamu.edu 979-845-5264

State competition for senior teams is held during Texas 4-H Roundup. Southern Regional 4-H Horse Championship is held in early August. Eligible 4-H members include the 1st and 2nd place demonstration teams and individuals from Texas 4-H Roundup. Western National 4-H Horse Classic is held in Denver, Colorado in January. Eligible 4-H members include the 1st place team and 1st place individual from Texas 4-H Roundup.

Horse Judging Clinics/Camps

Contact:

Ms. Teri J. Antilley, Horse Program Specialist
tjantilley@ag.tamu.edu 979-845-5264

Dr. Clay Cavinder, Associate Professor & Horse Judging Coach
cac@tamu.edu 979-458-2967

Texas A&M AgriLife Extension Service and the TAMU Animal Science Department host and teach judging workshops on the Texas A&M University campus at various times. Emphasis is on horse evaluation and oral reasons.

Horse Judging Events

Contact:

Dr. Dennis Sigler, Extension Horse Specialist
dsigler@tamu.edu 979-845-1562

Ms. Teri J. Antilley, Horse Program Specialist
tjantilley@ag.tamu.edu 979-845-5264

State competition for senior teams is held during Texas 4-H Roundup. County teams must qualify at county and district level to advance to state. All American Quarter Horse Congress is held in Columbus, Ohio in late October. The 1st place team at 4-H Roundup represents Texas 4-H. American Quarter Horse Youth Association World Contest is held in Fort Worth in early August. The 1st and 2nd place teams at 4-H Roundup represent Texas 4-H in the 4-H division. Southern Regional 4-H Horse Championship is held in early August with eligible teams from 4-H Roundup including the 1st and 2nd place teams in horse judging. The 3rd place team from Texas 4-H Roundup is eligible

for the National Western 4-H Classic is held in Denver, Colorado in January.

Horsemanship Schools

Contact:

Ms. Teri J. Antilley, Horse Program Specialist
tjantilley@ag.tamu.edu 979-845-5264

Summer Horsemanship Schools are designed to teach basic horsemanship skills and advanced training maneuvers to 4-H members, parents and leaders. These 2- and 3-day clinics are conducted using a hands-on approach in a learn-by-doing environment, and are available throughout the state at the county level. Schools are held in May, June and July. Specific information is mailed directly to county Extension offices.

Reining School

Contact:

Texas Youth Equestrian Foundation
clinics@reiningtexas.com 245-897-9180

Reining School is designed to train 4-H members in reining horse skills. Enrollment age is from 9 to 19. The school is held during late December in Abilene.

Calf Roping School

Contact

Mr. Scott Anderson, County Extension Agent - Brown County
sa-anderson@tamu.edu 325-646-0386

State 4-H Calf Roping School teaches youth calf roping skills and improves leadership abilities. The school is held in Stephenville in mid-June (starts on Father's Day). Enrollment is limited — first come-first served.

Team Roping School

Contact:

Hockley County Extension Office
hockley@ag.tamu.edu 806-894-3159

Team Roping School teaches 4-H members team roping skills. The school is held in Levelland in mid-June. Contact the Hockley County Extension Office for details, (806) 894-3159.

Horse Show

Contact:

Dr. Dennis Sigler, Extension Horse Specialist
dsigler@tamu.edu 979-845-1562

Ms. Teri J. Antilley, Horse Program Specialist
tjantilley@ag.tamu.edu 979-845-5264

County, district and state horse shows showcase members' skills in horsemanship, horse training and horse management. The Texas 4-H Horse Show includes both Qualifying and Open Divisions. 4-H members, ages 9 to 19, qualifying through district shows, are eligible for the qualifying show. Divisions in the Open Show include roping, stock horse, hunter over fences and drill and precision teams. Futurities are offered to 4-H members 12 years old or older as of September 1 of the 4-H year who nominate and validate yearlings, 2-year-olds and 3-year-olds by May 1 of the current year. Participants must be enrolled in the 4-H horse project. The show is held the last week of July at a site determined by the Texas 4-H Horse Committee.

Southern Regional 4-H Championships

Contact:

Dr. Dennis Sigler, Extension Horse Specialist
dsigler@tamu.edu 979-845-1562

Ms. Teri J. Antilley, Horse Program Specialist
tjantilley@ag.tamu.edu 979-845-5264

The Southern Regional 4-H Championships are held in late July or early August. The top 4-H horses at the State 4-H Horse Show are eligible to attend. Entries are taken at the State Horse Show.

Essay Contest

Contact:

Texas POA Club, c/o Leslie Hash
P.O. Box 606

Archer, TX 76351

An essay contest to stimulate interest in the "Pony of the Americas" breed is sponsored by the Texas Pony of Americas Club. It is open to all junior 4-H members, third grade or age 9 through 13 as of August 31 of the current year. Entries are to be at the Texas POA Club by December 10. The state winner receives a registered POA, traveling scrapbook, halter, and other prizes to be determined annually. Five finalists will be selected for an interview and will receive appropriate participation awards. Request entry forms directly from Texas POA Club

Recordbook Category:

Horse

Career Exploration Opportunities:

Veterinarian
 Rehabilitation therapist
 Riding Instructor
 Veterinary Technician
 Artificial Inseminator
 Bloodstock Agent
 Identifier
 Rodeo Professional
 Stallion Manager
 Show Manager
 Show Secretary
 Judge
 Trainer
 Farm Manager
 Mounted Police Officer
 Breeder
 Hot Walker
 Farrier
 Pony Person
 Groom
 Steward
 Driver
 Jockey
 Jockey Valet
 Jockey Agent

Volunteer Opportunities:

Livestock Mentor Program - see "Volunteer"

HORTICULTURE

Printed Resources:

Junior Master Gardener Curricula

JMG Level One for grades 3 - 5

Junior Master Gardener Teacher/Leader guide

Junior Master Gardener Handbook (children's book)

Golden Ray Series

Health and Nutrition from the Garden (teacher/leader guide)

Literature in the Garden (teacher/leader guide)

Wildlife Gardener (teacher/leader guide)

JMG Level Two for grades 6 - 8

Operation Thistle-Plant Growth & Development (teacher/leader guide)

Operation W.A.T.E.R.- Water and the Earth's Resources - Soils and Water (teacher/leader guide)

Junior Master Gardener Publications (www.jmgkids.us)

Other Related Sources:

National 4-H Curriculum (www.n4hccs.org):

Down-To-Earth - Gardening in the Classroom

Gardening - Exhibit Guide

Gardening - Group Activity Helper's Guide

Gardening A - See Them Sprout

Gardening B - Let's Get Growing

Gardening C - Take Your Pick

Gardening D - Growing Profits

The JMG ® program is an innovative youth gardening project. The JMG program has curricula to support this project. Current curricula for elementary (Level 1) and middle school (Level 2) are available. Curricula can easily be adapted for use with both younger and older 4-H'ers. Level One is for children in grades 3-5, but can easily be adapted up or down. It is modeled after the highly successful Master Gardener program and offers horticultural and environmental science education, as well as leadership and life skills development through fun and creative activities. Youth can become certified Junior Master Gardeners ® by completing one individual and one group activity for each teaching concept in the eight chapters, in addition to one leadership/community service activity per chapter. If the youth does not want to go through the entire program, he or she can complete a Golden Ray Series. The youth are required to complete a combination of 12 group or individual activities from a given chapter in the Level One curriculum, complete one Life Skill/Career Exploration activity (from chapter eight), and participate in one Community Service Project. Youth also can choose to complete Golden Ray Certification by completing a Golden Ray Curriculum such as Health and Nutrition from the Garden, Wildlife Gardener, or Literature from the Garden. Youth who meet the requirements for certification in the Junior Master Gardener ® program or in a Golden Ray series receive completion certificates through the National JMG Program Office. Additional recognition pins and medals are available for purchase through the TCE Bookstore. Leaders can also use the JMG curricula to enhance current programs.

JMG Level Two (grades 6-8) - Operation Thistle: Seeds of

Despair allows students to participate in novel, hands-on activities focusing on plant growth and development. JMG Level Two combines Teacher/Leader Guide and reproducible pages of independent student "handbook" activities into a single book. In addition, while independently investigating plant growth and development, middle-school youth will be engaged in an urgent mission in Operation Thistle: Seeds of Despair Defeat the Evil Dr. Thistle. Students will work as a group to complete lessons in each of the eight learning concepts, then work independently to complete the activities that are in the mission briefs and mission option pages. By completing these missions, students can help foil the twisted plans of Dr. Thistle and his menacing gang, while reinforcing concepts learned in the group setting. In the second module of the JMG Level Two curricula, Operation W.A.T.E.R.: Dr. Thistle Goes Underground, students will learn important soils and water concepts as they continue their mission to defeat Dr. Thistle.

Leaders are encouraged to register their Junior Master Gardener ® groups. Registration is free with out obligation. Youth who belong to a registered JMG® group and meet the requirements for JMG or Golden Ray are eligible to receive certificates through the National JMG Program Office. Registered leaders can immediately print certificates from their online registration at www.jmgkids.

State level JMG awards are given annually. Categories of awards and award applications are available on the JMG website and are posted in early spring. Awards are given during the Texas Master Gardener Conference each year. The Junior Master Gardener program helps grow good kids by igniting a passion for learning, success and service through a unique gardening education.

Junior Master Gardener Specialist Training Program

Contact:

Mrs. Lisa Whittlesey, Program Coordinator

l-whittlesey@tamu.edu

979-845-8565

This program trains Master Gardeners, 4-H Volunteers and teachers to lead the JMG program in their communities. This training is an in-depth training program that consists of at least 20 hours of instruction.

Program includes overview of all curricula; how to conduct training programs; steps to implementation; leading a JMG group; and publicizing and evaluating a program. Volunteers are listed as JMG Specialists and used to assist local county programs in implementing JMG.

Recordbook Category:

Gardening & Horticulture

Plant & Soil Science

Career Exploration Opportunities:

Education

Research

Golf and Sports Turf

Landscape Design

Writing and Communications

Sales and Marketing
Parks and Garden
Public Service
Production Management
Owner and Entrepreneur

Volunteer Opportunities:

Master Gardener Training
JMG Specialist Training Program

HOUSING & HOME ENVIRONMENT

Printed Resources:

4-H Housing Volunteer Teaching Guide(H&HF 3.022)
Creative Design for Today's Home (H&HF 3.210)
Family Resource Management (HMI 2.020)

Recordbook Category:

Housing and Home Environment

Career Exploration Opportunities:

Interior Designer
Photo Stylist
Furniture Designer
Draftsperson
Set Designer
Furnishings Buyer
Lighting Designer
Facility Manager
Floral Designer
Window Designer

L

LEADERSHIP

Printed Resources:

Public Speaking - 4-H Style (COM 1-2.050)
Club Officer Guides (4-H publication website)
Putting the Pieces Together Leadership Curriculum (4-H 11-1)
National 4-H Curriculum (www.n4hccs.org):
Step Up 1 - My Leadership Workbook (grades 3-5)
Step Up 2 - My Leadership Journal (grades 6-8)
Step Up 3 - My Leadership Portfolio (grades 9-12)
Yea 4-H! 6-8 age, Take the Lead Unit

Project Experiences:

Leadership Councils

Every youth has the opportunity to serve as an officer of a club, or on the county, district and even state leadership council. Each level of leadership is governed by a set of standing rules. Most councils are advised by adult leaders who assist in discussions and business. The Texas 4-H Council is the state level leadership team. To become a delegate to Texas 4-H Council, a member must have been elected as a representative for his/her respective district. Council. Contact your county Extension agent or

regional 4-H program specialist for information about serving in these roles.

Texas 4-H Congress

Contact:

Dr. Toby L. Lepley, Extension 4-H and Youth Development Specialist
t-lepley@tamu.edu 979-845-1212

This mock legislative educational event is held in Austin in even-numbered years. During the week-long program, senior 4-H youth experience the legislative process first hand. By role-playing senators, representatives, lobbyists and press corps members, youth are exposed the full political scene. Activities range from debating bills in the actual Texas Legislature chambers to socializing with advocates and opponents at evening receptions. Youth return to their communities with a better understanding of how our state government works. Information is sent to county Extension offices in the Fall preceding the event year.

District Leadership Labs

Contact:

County Extension Office

Each Extension district and region hosts a 2- to 4-day leadership retreat where senior 4-H members receive in-depth training. Dates and costs vary from district to district. Information is mailed to county Extension offices in the Spring of each year.

Teen Leadership Connection (TLC) Project

Contact:

Cooperative Extension Program 4-H & Youth Development
Unit at Prairie View A&M University
936-857-2517

The Teen Leadership Connection (TLC) project delivers educational, preventive and developmental programs. Through a variety of interactive activities, youth participants gain skills designed to improve self-esteem, enhance cultural awareness, promote wellness, provide positive role models, improve on leadership and life skills, and promote drama and fine arts. The TLC curriculum comprises eight modules with 60 lessons aimed at youth in grades 6 through 12, using activities and visuals that focus on 4-H club organization, cultural diversity, conflict resolution, social skills, community service, entrepreneurship, leadership and cycling. Because of the lessons' sensitive nature, training is provided to adult leaders and county agents who wish to conduct this program with teens. For training schedule, contact the Cooperative Extension Program 4-H & Youth Development Unit at Prairie View A&M University.

Career Awareness and Youth Leadership Laboratory

Contact:

Ms. Gail Long, 4-H Youth Development Specialist
Cooperative Extension Program PVAMU
glong@ag.tamu.edu 936-261-5119

The Career Awareness and Youth Leadership Laboratory is an educational program held each year during the month of June on the Prairie View A&M campus for youth ages 14 to 19. Hands-on workshops expose youth to careers in agriculture, family and

consumer sciences, communications and entrepreneurship.

County Youth Boards

Contact:

Dr. Chris Boleman, Program Director
cboleman@ag.tamu.edu 979-845-1211

The County Youth Board serves a strategic function by helping the county Extension agent determine what programs should be implemented from year to year, reviewing the educational impacts of programs, determining how to reach new youth audiences, and helping decide whether task forces or coalitions are needed to address priority issues. The Youth Board is made up of 8 to 15 youth and adults (three youth to one adult) who work or have interest in the area of youth development and who represent the demographics and diversity of the county. Youth members not only represent the 4-H and Youth Development Program but other youth organizations in the county (FFA, Boy/Girl Scouts, Student Councils, etc.). The board should sponsor or play a significant role in at least one major program each year. This may be an ongoing program or a different program each year. The key is for the board members to work together and take ownership of the program to ensure its success.

4-H and Youth Advisory Board

Contact:

Dr. Chris Boleman, Program Director
cboleman@ag.tamu.edu 979-845-1211

The 4-H and Youth Advisory board meets face-to-face with the County Extension Agent at least twice annually. At other times the board is strongly urged to communicate using distance technologies such as chat rooms, e-conferencing and blogs. Members serve 2-year terms. It is recommended that the board be made up of 8 to 15 (3 youth/1 adult ratio) people who work or have interest in the area of 4-H and youth development and who represent the demographics and diversity of the county. Youth members should represent the different schools including home school, come from different parts of the counties, and different Commissioner precincts. Adult members should have a broad perspective and be able to think beyond the traditional 4-H program. All membership is at the discretion of the county Extension agents in that county.

The 4-H and Youth Advisory Board serves a strategic function by helping the County Extension Agent determine what programs should be implemented from year to year, reviewing the educational impacts of programs, determining how to reach new youth audiences, and helping decide whether task forces or coalitions are needed to address priority issues. This group is to review, assess and advise the county Extension agents in the overall county 4-H and youth program direction. This group would annually review the 4-H enrollment to determine the direction the program needs to take annually.

To validate youth issues every 4 years the 4-H and Youth Advisory Board will conduct along with the other county program area committees (AG, FCS, etc.) and the Leadership Advisory Board to conduct an issue identification process.

Counties that have a current structure that is meeting the programming planning committee structure can keep their structure in place.

Leaders 4 Life Program

Contact:

Mr. Garry Branham, Extension Program Specialist
glbranham@ag.tamu.edu 325-653-4576

Youth leadership development at the county level is currently delivered 254 different ways. Some counties conduct a thorough training while others may not even have an active County 4-H Council because they only have one 4-H club or have been unable to develop a structure that works effectively. Counties have limited resources available to help them train their County 4-H Council Teams. The Leaders 4 Life Program will provide additional resources to equip counties in conducting high quality leadership training, parliamentary procedure training, and service learning activities. This program is appropriate for all age levels. Resources are available at: http://texas4-h.tamu.edu/project_leadership/leaders

Leaders 4 Life Skill-A-Thon

Contact:

Mr. Garry Branham, Extension Program Specialist
glbranham@ag.tamu.edu 325-653-4576

The Leaders 4 Life Skill-A-Thon is a three-fold event which will test the knowledge of youth on leadership, parliamentary procedure and service learning. The contest will be a qualifying event for Texas 4-H Roundup with three teams per district advancing to State. The contest will be held on Tuesday at Texas 4-H Roundup. Components of the contest will include:

- Parliamentary Procedure demonstration - teams will have 20 minutes to present a mock 4-H club meeting. Each team will be given a meeting agenda and three problems to incorporate into their presentation. Maximum score is 100 points.
- Question/Answer - Teams will be asked seven (7) questions about parliamentary procedure following their demonstration. Each team member will answer one question. Teams will determine who will answer the remaining questions. Each team member may answer no more than 2 questions. Maximum score is 70 points.
- Service Learning Interpretation Piece - Teams will develop a one page (front and back) interpretation piece about a service learning project they conducted during the year. This item will be turned in at the time of registration for judging prior to the contest. The interpretation piece should include the relevance, response and results of the project. Maximum score is 100 points.

There are also contest recommendations for Junior and Intermediate teams provided on the website.

Shooting Sports Ambassadors

Contact:

Texas 4-H Shooting Sports Office

4hshooting sports@ag.tamu.edu 979-845-1214

Senior 4-H Shooting Sports members may apply from July through the end of November to be 4-H Shooting Sports Ambassadors. Ambassadors represent the program and the state at a variety of events and promote the program in their regions.

Recordbook Category:

Leadership

Public Speaking

Career Exploration Opportunities:

Corporate and Community Relations Officer

Human Resources Director

Personnel Recruiters

Project Coordinator

Attorney

Event Planner

Consumer Protection Specialist

Advertising Account Executive

Customer Relations Manager

Financial Advisor

Corporate Strategy Analyst

Sale and Marketing Associate

M

MANAGEMENT SYSTEM

The Texas 4-H and Youth Development Program has a management system that is used by all county Extension agents, club managers, and volunteers to start, organize, and/or manage a 4-H club on all levels. The guide includes resources on membership types, leader development, organizational structure, volunteer opportunities, club management tools and guidelines, and other important information. Materials are posted on line at <http://texas4-h.tamu.edu/publications>

MEAT SCIENCE

Printed Resources:

Texas A&M Publications (<http://animalscience.tamu.edu>)

2004 Practice Meat Judging Contest and Results (Study Guide)

2004 Practice Meat Judging Contest ID Results and Question Classes

2003 Practice Meat Judging Contest and Results (Study Guide)

2002 Practice Meat Judging Contest and Results (Study Guide)

Project Experiences:

Meat Judging

Contact:

Dr. Dan Hale, Professor & Extension Specialist

dhale@tamu.edu

979-845-0435

www.4hmeat.org

The National 4-H Meat Judging and Identification Contest will be held in Kansas City, Missouri during early November. The 1st place team at Roundup is eligible to attend. The National Western Youth Meat Identification and Judging Contest in Denver, Colorado will be held during January, and the 2nd place Meats Judging and Identification contest team at Roundup is eligible to attend. Partial donor support may be provided to eligible teams for each event; however, teams raise money for the remainder of needed funding.

Invitational Meat Judging Contest

Dr. Dan Hale, Associate Professor & Extension Meat Specialist

Dhale@tamu.edu

979-845-3935

This contest will give youth the opportunity to further their knowledge and skills when evaluating meat through a workshop/practicum setting. Meat judging and identification is the evaluation and selection of meat cuts from the beef, swine, and sheep species

Recordbook Category:

Beef

Food & Nutrition

Science, Engineering and Technology

Plants and Animals

Career Exploration Opportunities:

USDA Inspector/Grader

Food Scientist

Lecturer

MILITARY 4-H

Project Experiences:

Military 4-H Program

Contact

Mr. David Wright, Extension Program Specialist -

Military 4-H Liason

Operation: Military Kids Project Director

dwright@tamu.edu

254-774-6024

The U.S. Army, Air Force and the USDA Cooperative State Research Education and Extension Service (CSREES) share the goal of providing positive youth development programs to build the skills and competencies youth need to live productive, healthy and self-sufficient lives. These federal agencies have created a partnership to accomplish their common goal and make efficient use of public resources.

This partnership helps Extension/4-H impact new audiences and helps the Army and Air Force meet its mission of providing predictable, consistent youth programs on Army installations worldwide. Military youth at every Army and Air Force installation in the world have an opportunity to participate in 4-H

Citizenship, Science & Technology, Health & Nutrition, Fine Arts, Photography, and various other projects as determined by local interest. Currently 4-H opportunities are offered at the following Texas Army, Air Force, and Navy installations through their respective youth programs: Fort Bliss Army, Fort Hood Army, Fort Sam Houston Army, Dyess Air Force Base, Goodfellow Air Force Base, Lackland Air Force Base, Laughlin Air Force Base, Randolph Air Force Base, and Sheppard Air Force Base Naval Air Station Joint Reserve Base - Fort Worth, Naval Air Station - Corpus Christi and Naval Air Station - Kingsville. Military youth not served by a nearby base are encouraged to join a local community or project club in their county.

Operation: Military Kids

Mrs. Brigid Mejia, Operation: Military Kids Coordinator
blmejia@ag.tamu.edu 254-774-6022

When geographically dispersed military parents living in civilian communities are mobilized, their children have unique needs for special support and services. Now they are military kids but they still look the same to teachers, friends and the rest of the community. Their lives are turned upside down! Many of their usual support systems may no longer be adequate. Extensive media coverage of on-going military operations creates daily anxiety. These “new” military kids need to connect with other youth in similar situations. They seek friends and adults who can empathize and can help them cope with their new world. State and County Cooperative Extension staff, community agencies, schools, Veterans, Organizations Child Care Providers and 4-H Club(s) are reaching out to military Youth...before, during and after their parents are deployed. This outreach effort is called Operation: Military Kids! You can get more information at <http://www.operationmilitarykids.org>

OMK:

- Creates community support network for military youth “in our own backyard” when Soldier parents are deployed.
- Use state, community and military resources to connect children and youth and their families with helpful people and organizations in their hometowns.
- Delivers educational, social and recreational programs for military youth living in civilian communities.
- Supports military kids coping with the stress of knowing their deployed parents may be in harm’s way.
- Educates the public on the impact of the deployment cycle on Soldiers, families, kids and the community as a whole.
- Encourages military youth to become a part of the ongoing 4-H and other youth serving programs across the state.

Speak Out For Military Kids

Contact

Mrs. Brigid Mejia, Operation: Military Kids Coordinator
blmejia@ag.tamu.edu 254-774-6022

Speak Out for Military Kids (SOMK) is a component of the national Operation: Military Kids initiative in partnership with the U.S. Army and CSREES. Texas 4-H and Military teens (ages 12 and in the 7 th grade -17) can apply to become

S.O.M.K. team members. Applicants must attend a required training, after which they will be “reviewed” and accepted or denied for team membership. Factors such as attitude, expressed desire, leadership potential and teamwork are considered by the review team. Through youth-led programs, participants find out firsthand the challenges and issues military families go through when a parent is deployed. S.O.M.K youth develop lectures, displays, PowerPoint presentations, videos and other methods/ programs to raise public awareness of the issues facing military families, particularly the military child. They also gain valuable life skills such as leadership, public speaking, self-confidence and more. Team members are expected to give leadership/team support to at least five or more presentations, workshops or other pre-approved educational endeavors in their respective areas of the state and/or on a statewide basis.

Recordbook Category:

Leadership
 Citizenship & Civic Education

Career Exploration Opportunities:

Accounting, Budget, and Finance
 Arts, Communications, Media, and Design
 Aviation
 Business Administration and Operations
 Combat Operations
 Communications Equipment Technologists and Technicians
 Construction, Building, and Extraction
 Counseling, Social Work, and Human Services
 Education and Training
 Engineering and Scientific Research
 Environmental Health and Safety
 Health Care Practitioners
 Human Resources Management and Services
 Information Technology, Computer Science, and Mathematics
 Intelligence
 International Relations, Linguistics, and Other Social Sciences
 Law Enforcement, Security, and Protective Services
 Legal Professions and Support Services
 Mechanic and Repair Technologists and Technicians
 Medical and Clinical Technologists and Technicians
 Naval and Maritime Operations
 Personal and Culinary Services
 Transportation, Supply, and Logistics

N

NATIONAL 4-H OPPORTUNITIES

National 4-H Council Program Assistant Internships

Contact:

National 4-H Council

Attention: Program Assistant Coordinator

7100 Connecticut Ave

Chevy Chase, MD 20815

301-961-2840

The National 4-H Council offers paid internships for older youth at the National 4-H Center throughout the year. Send application request to National 4-H Council.

Wonders Of Washington

Contact:

National 4-H Council

Attention: Wonders of Washington

7100 Connecticut Ave

Chevy Chase, MD 20815

301-961-2840

This educational experience is available to young and old from a variety of youth groups. The format is similar to, but less structured than, Citizenship Washington Focus. The program is available throughout the school year as a co-curricular activity focusing on citizenship, government, history, culture, public policy, etc.

National 4-H Congress

Contact:

Dr. Kyle Merten, Extension Program Specialist - 4-H

kjmerten@ag.tamu.edu 979-845-6533

This educational program for senior 4-H members is designed to teach participants the citizen's political approach to community action for youth. In addition, youth delegates participate in programs that focus on citizenship, leadership and communication. Youth between the ages of 14 and 18 on August 31 of the year attending are eligible to apply for Congress. Also, delegates must be participating in youth development programs in which Extension is a partner (4-H clubs, special interest groups, school curriculum enrichment, and ENP-Y). Information and application forms will be sent to each county office and each county-based Prairie View Cooperative Extension faculty member.

National 4-H Conference

Contact:

Dr. Kyle Merten, Extension Program Specialist - 4-H

kjmerten@ag.tamu.edu 979-845-6533

This week-long event held at the National 4-H Center in Chevy Chase, Maryland involves youth, volunteers and staff in determining 4-H program directions at all levels. Participants are involved in an array of operations committees, consulting groups, pre/post conference commitments and obligations. Participants are representatives of their county, district and state

constituency and are expected to add to discussion in an effort to gain input from all levels of involvement.

Citizenship Washington Focus

Contact:

National 4-H Council

Attention: Citizenship Washington Focus

7100 Connecticut Ave

Chevy Chase, MD 20815

301-961-2840

Citizenship Washington Focus (CWF) is a leadership program for high school youth from across the country. Every summer thousands of young people participate in this week-long program held at the National 4-H Center. Participants broaden their appreciation for other cultures, as well as their own, increase their commitment to citizen involvement, understand the importance of civic and social responsibilities, and participate in a 4-H experience at the national level.

NATIONAL DAIRY CONFERENCE

- see "Dairy"

NATURAL RESOURCES

Contact

Mr. Larry Hysmith, Extension Program Specialist

lhysmith@tamu.edu

979-845-1214

Printed Resources:

Investigating Water Curriculum (4-H 17-1)

Operation W.A.T.E.R.: Dr. Thistle Goes Underground, JMG

Curriculum (B-6193)

Career Exploration Opportunities:

Biologists

Engineers

Natural Resource Specialist

Law Enforcement Officers

Park Rangers

Foresters

Forest Rangers

Mechanics

Pilots

Telecommunication Specialists

Hydrology

Structural Engineering

Ecologist

Ethologist

Taxonomist

Mathematics

Computer Scientist

O

OUTDOOR EDUCATION

Printed Resources:

National 4-H Curriculum (www.n4hccs.org)

- Outdoor - Group Activity Helper's Guide
- Outdoor 1 - Hiking Trails
- Outdoor 2 - Camping Adventures
- Outdoor 3 - Backpacking Expeditions

Project Experiences:

4-H Conference Center Camps
County, district, and regional camps

Outdoor Challenge

Contact:

Mr. Derrick Bruton, Extension Program Specialist - 4-H
dbruton@ag.tamu.edu 972-952-9264

Forget Survivor! this is the way outdoors were meant to be enjoyed, where teamwork and rugged determination are lauded and only the best are rewarded with the ultimate prize being recognized as the top outdoor team in Texas. You and a group of friends will compete in a series of contests to find the best overall outdoors people in the state. You will be challenged physically and mentally. You may even want to give up before you are through, but in the end, you will emerge a stronger leader with the confidence to take on any challenge man, beast or nature may throw into your path.

Recordbook Category:

Recreation

Career Exploration Opportunities:

Camp Counselor
Camp Operator/Owner
Summer Internship at Camp
Camp Director
Environmental Educator

P

PARENTS - see "Volunteers"

PHOTOGRAPHY

Printed Resources:

Adventures With Your Camera – B (Grades 6 to 9) (Available from National 4-H Council Supply)

National 4-H Curriculum (www.n4hccs.org):

- Focus on Photography
- Controlling the Image

Mastering Photography

Project Experiences:

Photography Contest And Exhibit

Contact:

Dr. Toby L. Lepley, Extension 4-H and Youth Development Specialist
t-lepley@tamu.edu 979-845-1212

This contest is open to all 4-H members. Photographs must have been taken by the 4-H member during the current 4-H year. A county may have one entry per class in each category. A fee will be assessed per entry and must accompany the photo upon entry. Entries are due according to guidelines stated in the current year's in-depth guidelines mailed in late summer. Details on the contest, guidelines, score sheet, Standards of Excellence and entry forms are mailed to county 4-H coordinators in January.

Recordbook Category:

Photography

Career Exploration Opportunities:

Photographer
Photo Processor
Videographer
Photo Journalist

POULTRY

Printed Resources:

How to Produce Broilers and Roasters for Show, (L-5431)

Producing Turkeys for Show, (PS-5145)

Nutrition and Feeding of Show Poultry, (L-5159)

Poultry Q & A, (L-5323)

National 4-H Curriculum (www.n4hccs.org):

- Poultry - Group Activity Helper's Guide
- Poultry 1 - Scratching the Surface
- Poultry 2 - Testing Your Wings
- Poultry 3 - Flocking Together
- Embryology - Chick Development Poster
- Embryology 1 - Hatching Classroom Fun
- Embryology 2 - Experiments in Poultry Science
- Hatching in the Classroom Enrichment Curriculum

Project Experiences:

Raising Broilers and Turkeys for Show

Contact:

County Extension Office

4-H members can raise broilers and/or turkeys for show in local and state livestock expositions. 4-H member will need to receive detailed rules and guidelines from their respective county Extension office on growing period, and other regulations.

Hatching in the Classroom (B-5084)

Enrichment curriculum that demonstrates the science of egg to chick development. Focused towards elementary and middle school aged youth.

Invitational Poultry Judging Contest and Workshop

Contact:

Dr. Morgan Farnell, Extension Program Leader-Poultry Science
mfarnell@tamu.edu 979-845-4318

Dr. Craig Coufal, Assistant Professor, Extension Specialist
ccoufal@poultry.tamu.edu 979-845-4319

This contest will give youth the opportunity to further their knowledge and skills when evaluating poultry through a workshop/practicum setting. Open to all intermediate and senior 4-H members on teams of 3 to 4 per team. Youth will be evaluating nine classes, which are:

- Eight 6 to 12 week old broiler breeders meat-type cockerels or pullets for broiler breeder selection
- Four post production egg-type hens for placing
- Ten ready-to-cook broiler carcasses graded according to USDA grading standards
- Four turkey carcasses for placing
- Ten chicken eggs for interior quality grading
- Ten shell eggs for exterior quality grading
- Evaluative criteria on afore mentioned class
- Ten further processed meat products for evaluative criteria
- Ten carcass parts for identification

Recordbook Category:

Poultry

Career Exploration Opportunities:

Genetics

Pharmaceuticals

Nutrition

Engineering

Production

Food Science & Processing

Agribusiness

Volunteer Opportunities:

Livestock Mentor Program - see "Volunteer"

PROJECTS (4-H)

4-H projects are the educational experiences in which youth who are members of 4-H participate. These can be club, county, and state supported projects, or they can be projects that 4-H members determine for themselves, research through various methods, and then conduct a learning strategies in, such as a presentation, speech, workshops, fieldtrips, and/or recordbook. These types of projects are called "self-directed" projects and are not supported with educational materials by the Texas 4-H and Youth Development Program. Other state or national 4-H programs may have resources to support a self-directed project.

Typically, all projects must consist of at least five learning experiences that last from 45 minutes to one hour and include the assistance of an adult or leader.

Projects that are self-directed can include, but are not limited to, such topics as: aerospace, automotive, electric, exotic animals, small engines, and small animals.

PUBLIC SPEAKING

Printed Resources:

Public Speaking - 4-H Style (COM 1-2.050)

4-H Public Presentation Guide: Method Demonstrations and Illustrated Talks (4-H 3-5.012)

4-H Presentation Scoresheet

What is an Educational Presentation

Public Speaking Scoresheet

National 4-H Curriculum (www.n4hccs.org):

Communications 1 - Picking Up the Pieces

Communications 2 - Putting It Together

Communications 3 - The Perfect Fit

Communications Group Activity Helper's Guide

Project Experiences:

4-H Roundup Public Speaking Contest

Contact:

Mr. Luis Saldana, Extension Program Specialist - 4-H
l-saldana@tamu.edu 956-968-5581

Individual presents a 5 to 7 minute talk suitable as a platform speech or radio broadcast. Props and visual aids are not permitted and recordings of any type may not be used. Contestants should be prepared to answer questions concerning the subject matter of their presentation. Presentations will be scored with equal consideration of composition and delivery utilizing a score sheet (revised Aug 2005) specific to the Public Speaking Contest. Contestants selected as finalists will repeat their presentations.

4-H Roundup Educational Presentations

More than 14 Educational Presentation categories allow 4-H members from the age of 9 to 18 to present educational presentations using posters, powerpoints, props, or just the power of words to educate the audience on a specific topic and/or issue. Educational Presentations can be presented by an individual 4-H member or with up to five 4-H members. The presenting team has twelve minutes to present the topic/issue, in addition to another nine minutes for setup and takedown.

Recordbook Category:

Public Speaking

Career Exploration Opportunities:

Advertising Executive

Attorney

Corporate Communications Officer

Corporate Trainer

Customer Service Representative

Human Resources Manager

Organizational Development Specialist

Public Relations Professional

Sales Representative

Television Reporter

Q

QUIZ BOWLS

Printed Resources:

Quiz Bowl Guide

4-H Quiz Bowls are interactive four member team competition that allow 4-H members to be tested on their knowledge and skills in a particular subject matter. Currently, 4-H members can participate in Horse, Food and Nutrition, and Beef Bowls. Refer to the specific project for quiz bowl resources.

R

RABBITS

Printed Resources:

National 4-H Curriculum (www.n4hccs.org):

Rabbit - Group Activity Helper's Guide

Rabbit 1 - What's Hopping?

Rabbit 2 - Making Tracks

Rabbit 3 - All Ears

Rabbit Project Reference Manual (AS 2.010)

Project Experiences:

Texas 4-H Rabbit Extravaganza

Contact:

*Mr. David Wright, Extension Program Specialist -
Military 4-H Liaison*

*Operation: Military Kids Project Director
dwright@ag.tamu.edu 254-774-6024*

The Texas 4-H Rabbit Extravaganza is open to official Texas 4-H-age enrolled members. (Clover Kids may not enter this competitive event.) The fall event is held at the Coryell County Exposition Center, in Gatesville, Texas. The event includes opportunities for youth to exhibit their rabbit projects in numerous breeds in addition to single fryers and meat pens.

Recordbook Category:

Rabbit

Career Exploration Opportunities:

Rabbit Breeder

Show Judge

Volunteer Opportunities:

Livestock Mentor Program - see "Volunteer"

RANGE SCIENCE AND MANAGEMENT

Printed Resources:

Plant Identification Scorecard

Range Evaluation - Part 1 (RS 1.040)

Range Evaluation - Part 2 (RS 1.041)

Range Evaluation - Part 3 (RS 1.042)

Master Plant List for Texas 4-H Range and Pasture Plant Identification Contest (RS 1.044)

Description of Range and Pasture Plants (RS E-32)

Know your Grasses (helpful supplement to 4-H Range Pasture Grass ID Project) (B-182)

Project Experiences:

Texas Section Youth Range Workshop

Contact:

Dr. Barron Rector, Extension Range Specialist

b-rector@tamu.edu 979-845-2755

Applications are accepted on a first-come, first-served basis until April 30. The workshop will be held at a date and location to be announced. The state recordbook winner in the range management project receives an expense-paid trip to the workshop. The workshop is designed to develop leadership and provide advanced training to youth interested in practical range and ranch management.

Range Evaluation Contest

Contact:

Dr. Barron Rector, Extension Range Specialist

b-rector@tamu.edu 979-845-2755

Contestants identify 20 to 40 range plants; determine use, condition, site, and practices for range area; and judge four range plots. In case of inclement weather, mounted plants will make up the contest. A master plant list is available from the contest superintendent.

Range and Pasture Grass Identification Contest

Contact:

Dr. Barron Rector, Extension Range Specialist

b-rector@tamu.edu 979-845-2755

Identify and classify 40 to 50 live or mounted grass specimens according to their life span, season of growth, origin, and grazing value for livestock and wildlife. A grass list is available from the contest superintendent.

Recordbook Category:

Natural Resources

Career Exploration Opportunities:

Land Managers

Scientists

Educators

Producers and Conservationists.

Specialties exist in ecosystem science, wildlife and fisheries, plant and soil science, hydrology, agricultural science and systems, and social economics.

Rangeland professionals may work closely with landowners

on private rangelands and with the public on national forests, grasslands and other public rangeland.

RECOGNITION

Printed Resources:

4-H Recognition Model

One important responsibility of adults who work with youth in 4-H is to provide the participants with recognition and encouragement so that they understand they are worthy and valued individuals. The 4-H program has a highly diverse youth audience. Its members are from all racial and ethnic groups; live in rural, urban and suburban areas; and range in age from 5 to 19. Successful youth development programs incorporate all five ways to recognize youth, including recognizing youth for:

- Participating in educational experiences.
- Progressing toward self-set goals
- Achieving a standard of excellence.
- Accomplishments through peer competition.
- Developing a team concept through cooperation.

Experiences:

I Dare You

Contact:

American Youth Foundation

Attention: I Dare You Committee

Department 620

St. Louis, MO 63179

314-646-6000

www.ayf.com

William H. Danforth's book, *I Dare You*, was first published in 1931. It is still considered one of the most influential books in the area of personal motivation. The book is published and distributed by the American Youth Foundation through its *I Dare You* committee. The *I Dare You* Leadership Award is not a contest or competition. High school principals and county agents are asked to select (or have a staff or committee select) nominees. The award consists of a copy of *I Dare You*, a certificate, and an invitation to apply for a scholarship to attend a 7-day International Leadership Conference (ILC) at one of A.Y.F.'s three sites (Michigan, New Hampshire and California). The award recognizes excellence in character, well-balanced personal development, and potential for leadership. A prepaid processing fee of \$20.00 is required whether one or two selections are made. The fees must accompany the selection forms. *I Dare You* application forms and ILC brochures, posters and information packets are available from the American Youth Foundation.

Gold Star

Contact:

Dr. Toby L. Lepley, Extension 4-H and Youth Development Specialist
t-lepley@tamu.edu 979-845-1212

The Gold Star Award is the highest county achievement award and will be awarded only once in a member's 4-H career. Counties have award quotas based on the number of senior 4-H members. The award is presented to the most deserving young people without regard to sex. The following are minimum

requirements that must be met.

1. The member must be at least 15 at the time of application and must have completed at least 3 years in 4-H, including the current year.
2. The 4-H member must submit an awards program recordbook in the year he or she is to be considered for the award.
3. The 4-H member must have completed projects in three different project areas, have submitted appropriate record forms, and have participated in one or more activities in at least three of the following areas:
 - Educational Presentations
 - Citizenship activities
 - Projects
 - Project exhibits
 - Camps
 - Leadership labs
 - Public relations (speeches, poster displays, radio, TV, newspapers)
 - Other (includes exchange programs, fundraising, State and National Congress, etc.)

Note: The requirements for projects and activities do not all have to be completed in the current year. They may have been accomplished over the entire period of time the person has been in the program.

The member must have exhibited leadership skills by serving as a 4-H officer or committee chairman (club, county, district or state), and/or as a junior or teen leader in an activity or project with or under the supervision of an adult volunteer leader. The 4-H member must have participated in one or more community service activities. Examples are working with or counseling junior 4-H members; participating in community service projects (individual, group or club); and motivating other 4-H members through participation in demonstrations, projects and/or exhibits.

Gloria Barron Prize for Young Heroes

Contact:

www.barronprize.org

This award honors young people, ages 8 to 18, who have shown leadership and courage in public service to people and our planet. Emphasis is placed on young people who help the environment. Winners receive a \$2,000 cash award. Deadline is April 30, 2011.

Congressional Award

Contact:

Dr. Toby L. Lepley, Extension 4-H and Youth Development Specialist
t-lepley@tamu.edu 979-845-1212

The Congressional Award is the U.S. Congress' award for young Americans. It is nonpartisan, voluntary and noncompetitive. The program is open to all 14- to 23-year olds. Participants earn Bronze, Silver and Gold Congressional Award Certificates and Bronze, Silver and Gold Congressional Award Medals. Each level involves setting goals in four program areas—Volunteer Public Service, Personal Development, Physical Fitness, and Expedition/Exploration. Earning the award is a fun and

interesting way to get more involved in something you already enjoy or something you'd like to try for the first time. You move at your own pace, on your own or with your friends. This is not an award for past accomplishments. Instead, you are honored for achieving your own challenging goals. Regardless of your situation, you can earn The Congressional Award. The Congressional Award has no minimum grade point average requirements. It accommodates young people with special needs or disabilities who are willing to take the challenge. The Congressional Award is open to all. For more information: <http://www.congressionalaward.org/>

Volunteer Recognition

Each year, the Texas 4-H and Youth Development Program provides awards and recognition for two categories of special people. All awards are presented at the Salute to Excellence Banquet during Texas 4-H Roundup. Any Extension employee, 4-H member and/or volunteer may make nominations for the awards. A list of prior award winners is available on the Texas 4-H Website. It is important that proper recognition be given to those who have made significant contributions to the young people of Texas. To nominate someone for any award, the corresponding award application/nomination form must be completed, typed and submitted to the respective County Extension Office by Friday, February 25, 2011. All award applications must be submitted to the district office by Friday, March 11, 2011 and to the state office by the deadline of March 25, 2011.

Texas Salute to Excellence Award

Contact:

Dr. Toby L. Lepley, Extension 4-H and Youth Development Specialist
t-lepley@tamu.edu 979-845-1212

This award recognizes outstanding 4-H volunteers for their service to 4-H programs and the impact that they have had on the lives of young people. Each district may select two recipients who will be honored with this award. A couple may be honored together as one recipient. Districts are strongly encouraged to submit one award winner for excellence in club work (community, project, school) and one award winner for excellence through special interest and curriculum enrichment programs. Selections are made at the district level with two copies of the nomination forms forwarded to the Texas 4-H Office.

Texas Leader Legacy Award

Contact:

Dr. Toby L. Lepley, Extension 4-H and Youth Development Specialist
t-lepley@tamu.edu 979-845-1212

This award recognizes a 4-H leader who has been an integral part of the 4-H and Youth Development Program for 20 years or more. The person who is nominated for this award may or may not be the person who is always in the spotlight, but is the one who makes an impact and a difference on the 4-H members with whom he/she works. Stretch beyond normal thinking and be inclusive in making a selection for this prestigious nomination.

Texas 4-H Alumni Award

Contact:

Mrs. Jana Barrett, Coordinator - Friends and Alumni
jbarrett@ag.tamu.edu 979-845-1213

The Texas 4-H Alumni Award will recognize adults who have made significant achievements IN THEIR COMMUNITIES. Consideration is given to individuals who have demonstrated an outstanding record of achievement AS A 4-H MEMBER and who have shown evidence of 4-H's influence on their adult lives. Continued service to 4-H in adulthood is very important. No current Extension employee may receive this award. The number of 4-H alumni awards presented will vary each year.

Citation for Outstanding Service to 4-H Award

Contact:

Dr. Toby L. Lepley, Extension 4-H and Youth Development Specialist
t-lepley@tamu.edu 979-845-1212

This award recognizes an individual or a business who has made an outstanding contribution to Texas 4-H programs ON A REGIONAL OR STATE BASIS. Awards are generally made based on a long-term commitment rather than a one-time program. Individuals or businesses that are local supporters, and limit their contributions to local programs, should be recognized at the local level. The number of citations awarded will vary from year to year.

Meritorious Service Award

Contact:

Dr. Toby L. Lepley, Extension 4-H and Youth Development Specialist
t-lepley@tamu.edu 979-845-1212

The 4-H Volunteers Leaders' Association of Texas annually recognizes an outstanding county Extension agent, county Extension director, or program assistant and an outstanding Extension Specialist (any program area), County Extension Director or District Extension Administrator with the Meritorious Service Award. The purpose of this award is to recognize Extension faculty members for their role in making 4-H volunteers more effective. Nominees must be a resident of Texas and have been paid staff or faculty with Texas A&M AgriLife Extension Service/Texas 4-H for the immediate past five (5) years. Two awards are given annually.

RECORD BOOKS

Contact:

Dr. Kyle Merten, Extension Program Specialist - 4-H
kjmerten@ag.tamu.edu 979-845-6533

Following is an overview of the system and information about completing a 4-H Member Achievement Plan and 4-H Recordbook.

Categories

Each county is allowed to enter one recordbook per category, per age division for district competition. For state competition only one record book per category from the district is allowed for competition.

A 4-H member who has participated in any project may also submit a recordbook for judging. Senior 4-H members who have placed 1st in one of the Recordbook awards program categories in any previous year may not submit a recordbook for judging.

First place senior winners in each of the categories will be awarded a partial travel scholarship toward a trip to Washington D.C. during the Thanksgiving weekend. Remaining expenses for the trip are the responsibility of the winner.

Please refer to the "For the Record" publications for guidelines for preparing a recordbook.

Refer to the current year's Family Guide for more information and instructions. http://texas4-h.tamu.edu/youth_recordbooks

Texas 4-H Awards Program Categories

- Beef
- Citizenship & Civic Education
- Clothing & Textiles
- Communication & Expressive Arts
- Companion Animals
- Consumer Education
- Dairy
- Entomology
- Family Life
- Food & Nutrition
- Gardening & Horticulture
- Goat
- Health
- Horse
- Housing & Home Environment
- Leadership
- Natural Resources
- Personal Development *(includes, but is not limited to, such projects as 4-H After School, Texans Building Character, Exploring 4-H, Me, Inc.—workforce preparation, Talking with T.J)*
- Photography
- Plant & Soil Science
- Poultry
- Public Speaking
- Rabbit
- Recreation
- Safety
- Science, Engineering, & Technology *(includes, but is not limited to, such projects as Aerospace, Automotive, Bicycle, Biological Sciences, Computer Science, Meat Science, Small Engines, Wood Science)*
- Sheep
- Shooting Sports
- Swine
- Veterinary Science
- Wildlife & Fisheries

RECREATION

Printed Resources:

National 4-H Curriculum (www.n4hccs.org):
 Theatre Arts - Group Activity Helper's Guide
 Theatre Arts 1 - Play the Role - Acting
 Theatre Arts 2 - Become a Puppeteer - Puppetry
 Theatre Arts 3 - Set the Stage - Stagecraft
 Yea 4-H! K-2, 3-5 ages - Recreation Units
 Texas 4-H Recreation Handbook (HLE 1-1.000)

Recordbook Category:

Recreation
 Public Speaking

Career Exploration Opportunities:

Park Rangers
 Interpretive Park Rangers
 Naturalists
 Park Police
 Park Management
 Park Planners
 Tour Operators
 Tour Guides
 Guest Services Coordinator at hotels/resorts
 Hotel Recreation Managers
 Facility Manager at Sports Arenas and Recreation Centers
 Challenge Course Manager and/or Facilitator

ROUNDUP

Contact:

Dr. Kyle Merten, Extension Program Specialist - 4-H
kjmerten@ag.tamu.edu 979-845-6533

Texas 4-H Roundup is the culmination of years of hard work and dedication for youth throughout Texas. Texas 4-H and Youth Programs involve more than 600,000 youth statewide. Each year contests are held throughout the state, at the county level and in the twelve districts of Texas A&M AgriLife Extension Service. These climax with the participation of more than 3,500 youth and adults at Texas 4-H Roundup in College Station. Roundup primarily consists of 40 competitive contests whose participants qualify for the opportunity to compete at the same level by winning at the county and district levels. In 2010 intermediate aged youth had the opportunity to participate for the first time in a number of Invitational Contests and Workshops. Winners in select state contests have the opportunity to advance to national competitions throughout the United States. Roundup guidelines are distributed in the Fall to all county Extension offices, with follow up details in February.

S

SAFETY

Printed Resources:

Available at <http://passengersafety.tamu.edu>

Teen Project Guide - Traffic Safety

School Bus Safety
Safer Texas Children
Kids Aren't Cargo
Pedestrian Safety
Bicycle Safety
Kick Scooter Safety
Occupant Protection

Project Experiences:

Safety & Injury Prevention Educational Presentation

Contact:

Myrna Hill, Program Coordinator, Passenger Safety
mrhill@ag.tamu.edu 979-862-4658

Bev Kellner, Program Coordinator, Passenger Safety
bkellner@ag.tamu.edu 979-862-1782

passengersafety.tamu.edu

Relate to safe equipment designs and safe procedures or methods associated with the prevention of injuries in work, home, or recreational environments (e.g. safe methods of designs relative to home, farm or yard machinery, equipment, chemicals and animals; prevention of injury relative to falls, fire, electricity, boating, tractors, hunting, natural disasters, or traffic safety).

Farm Safety Day Camps

Contact:

Susan Reynolds

Executive Director - Programs

Progressive Agriculture Foundation

P. O. Box 530425

Birmingham, AL 35253

888-257-3529

205-871-0646

fax 205-871-2137

e-mail: farmsafetyday@aol.com

www.progressiveag.org

The Progressive Agriculture Safety Day™ program was formerly known as the Progressive Farmer Farm Safety Day Camp® program. Founded by The Progressive Farmer magazine in 1995, the program trains and provides the resources that local communities need to conduct one-day safety programs that are age-appropriate, hands-on, fun, and safe for children. While the basic program reaches children ages 8 to 13, safety days may also be conducted for 4- to 7-year-olds or even entire families.

Teen Rollover Convincer Presentations

Contact:

Myrna Hill, Program Coordinator, Passenger Safety
mrhill@ag.tamu.edu 979-862-4658

Bev Kellner, Program Coordinator, Passenger Safety
bkellner@ag.tamu.edu 979-862-1782

passengersafety.tamu.edu

The Rollover Convincer is basically the cab from a pickup truck attached to a frame with a motor and mounted on top of a trailer. The windshield and doors have been removed so that the interior can be viewed. When the electric power is turned on, the cab rotates to simulate a rollover crash. When demonstrating the Rollover Convincer, an adult dummy is used in the driver position and a child size dummy is used in a child safety seat in the passenger position. First, the demonstration shows what happens if the dummies are not using their safety belts. After 1-3 rotations the dummies topple out of the cab and land on the ground, often right under the cab and on the trailer. Then, the demonstration is repeated. With the dummies correctly restrained they remain in place in the cab, thereby showing the importance of wearing a safety belt.

Recordbook Category:

Safety

Career Exploration Opportunities:

Law Enforcement

Fire Fighter

EMS

Environmental Safety

Traffic Safety Engineer

Volunteer Opportunities:

Assist with Rollover Convincer Presentations

Assist at Child Safety Seat Checkup Events

Farm Safety Days

Health Fairs

SCHOLARSHIPS

Contact:

Dr. Toby L. Lepley, Extension 4-H and Youth Development Specialist
t-lepley@tamu.edu 979-845-1212

Scholarships Available

The Texas 4-H Opportunity Scholarship Program provides scholarships in four different areas. Each type of scholarship has its own requirements and criteria. It is up to the applicant to make sure that he/she clearly understands the requirements and completes the application in order to be considered.

- Baccalaureate Scholarships - the traditional Texas 4-H Scholarship Program, for students who wish to pursue a Bachelor of Science (BS) or Bachelor of Arts (BA) degree.
- Technical Certification Scholarships - for students who wish to pursue technical certification offered in the eligible majors/courses of study and from an approved Texas accredited college listed in the scholarship packet.
- Collegiate Scholarships – designated for former Texas 4-H members who have graduated from high school and have

completed a minimum of 30 hours of college credit at a grade point average of at least 2.7.

- Courageous Heart Scholarships – special scholarships awarded to Texas 4-H members that have overcome extreme obstacles related to medical, family, and/or education and remained an active member of both 4-H and school.

Texas Extension Education Association, Inc. Scholarship

TEEA sponsors twelve (or one per district) scholarships, each valued at \$1,000. If there are no district submissions or acceptable applicants, a district scholarship may not be given that year.

SCIENCE OF AGRICULTURE

(Ag in the Classroom)

Contact:

Dr. Billy Zanolino, Extension Specialist

wfzanolino@ag.tamu.edu 979-845-6533

Mrs. Laura A. Huebinger, Extension Program Specialist – 4-H

lhuebinger@ag.tamu.edu 254-968-4144

The Science of Agriculture is an exciting educational experience for youth that brings “agriculture to the classroom”. Youth can learn about how agriculture affects their daily lives through classroom lessons and activities; and in many counties, through a hands-on Ag Fair where students listen to representatives from local commodity groups as they share their knowledge and experiences. Over 500,000 Texas youth participate in a local Ag Fair annually. Resources on how to conduct Science of Agriculture classroom lessons and Ag Fair events are available to County Extension Agents through the Texas 4-H website at <http://texas4-h.tamu.edu/agscience>.

4-H SCIENCE (S.E.T.)

Contact:

Mr. Matt Tarpley, Extension Program Specialist 4-H

mtarpley@ag.tamu.edu 432-336-8585

Texas 4-H and Youth Development Program fully embraces 4-H Science Programming in the Context of 4-H Youth Development to properly facilitate the development of 4-H Science Abilities in meaningful and significant ways. Understanding and appreciating the role of science, engineering, and technology is even more critical as the needs of our society and its workforce change. The National 4-H Council goal is to reach one million new 4-H members with 4-H Science Projects by 2013 to prepare America’s youth to excel in science, engineering, and technology. Technology, in the simplest term, is human innovation. Design, model making, problem solving, controls, optimization and trade-offs, inventions and many other human topics encompass technology. Engineering is recognized as a problem solving and design process within science and technology. Derived from the word Ingenuity, engineering requires using science, math, and technology as tools to solve problems and design solutions. Science abilities encompass the entirety of the cause and effect on the world around us. Behaviors of the scientific process together with the knowledge,

scientific values, and intellectual habits they produce, define scientific education.

Our strategy to implement science, engineering, and technology in the forefront of all 4-H project work is to introduce the 4-H Science Abilities, train Extension faculty and volunteers on ways to familiarize and use the Abilities terminology to bring about awareness in the 4-H member’s project work. Additionally, develop 4-H Science Projects that are purposeful in teaching scientific methodology. 4-H members will become actively engaged in the scientific process of inferring, hypothesizing, measuring, estimating, and experimenting to bring meaning to their world. The Abilities will be valuable skills for life-long learning for 4-H members to call upon for problem solving and decision-making. Non-formal learning experiences directed by project group leaders and Extension faculty will use the Addendum sheets (which identify the 30 4-H Science Abilities) as a resource to bring about awareness of the 4-H Science Abilities. With the increased use of uniform terminology and an awareness campaign of 4-H Science Abilities that 4-H members use in everyday project work, 4-H members will become actively engaged in scientific discovery at their age appropriate level.

Developing 4-H Science Projects must be targeted at teaching the scientific methodology in solving problems. Teaching not only the technical subject matter, but also appropriate processes of scientific methodology to create an engaged group of young people focused on learning and solving problems in the realm of science. An experientially based 4-H Science curriculum includes aims, goals and objectives; subject matter; learning experiences and assessment. In addition, three overriding principals are essential:

- Engaging resilient preconceptions (critical that learner preconceptions be identified, confronted, and resolved)
- Organizing knowledge around core concepts (increase the learner’s understanding and retention while developing key scientific abilities)
- Supporting self-regulation (provide safe and nurturing environment under the guidance of a trained learning facilitator)

Project curricula developed as a 4-H Science specific learning experience should lead the 4-H member through the scientific process in a designed, organized, age appropriate activities to support the 4-H Science Abilities.

Project Experiences:

Discover Scientific Method Research Poster Contest is a 4-H Project for 4-H members to actually put into practice the research of an idea, using the scientific method, and putting together a research poster (much like a science fair project) and allowing a panel of judges to evaluate the research and have an opportunity to tell about their learning experiences.

Steps to begin the DSM Project are:

1. Get a notebook for your ideas and notes, then meet with County Extension Agent to discuss research topic and get approval of starting DSM Project

2. Research your question and develop hypothesis and develop research design (experiment)
3. Meet with County Extension Agent for approval of hypothesis and research design (experiment procedures)
4. Collect data from experiment
5. Meet with County Extension Agent to explain data collection and results
6. Make a poster (using the guidelines for size and safety rules) and display it at the DSM Contest.

If your school has a Science Fair, review their rules also to use your research in both school and 4-H.

Recordbook Category:

Science, Engineering, and Technology

SHARE-THE-FUN: *see Theater and Performing Arts*

SHEEP

Printed Resources:

National 4-H Curriculum (www.n4hccs.org):

Sheep - Group Activity Helper's Guide

Sheep - Lamb Pattern

Sheep 1 - Lambs, Rams and You

Sheep 2 - Shear Delight

Sheep 3 - Leading the Flock

Texas A&M Publications (<http://animalscience.tamu.edu>)

4-H Show Lamb Guide (AS 3-4.059)

Keeping Your Lamb Healthy

Market Lamb Classification Standards

Selection of Prospect Market Lambs

What Goes in the Lamb Showbox

Reasons Terminology for Market Lambs

Inspecting and Handling Sheep in Judging

Livestock Judging Contest Scoring Procedures

Presentation of Oral Reasons

Sample Sets of Livestock Judging Oral Reasons by Former

Members of the TAMU Livestock Judging Teams

Project Experiences:

Texas Sheep And Goat Youth Leadership Workshop

Contact:

Dr. Frank Craddock, Extension Sheep & Goat Specialist

b-craddock@tamu.edu 325-653-4576

This workshop is a week-long intensive training tour of the Texas sheep and goat industry. Participants learn about all facets of the industry. The workshop is offered to immediate and senior age youth during the summer of odd numbered years.

Livestock Judging

Contact:

Dr. Jason Cleere, Extension Beef Specialist

jjcleere@tamu.edu 979-845-6931

Dr. Billy Zanolino, Extension Specialist

wfzanolino@ag.tamu.edu 979-845-6533

The three national livestock judging events Texas 4-H youth

can compete in are: North American Livestock Exposition— Louisville, Kentucky, November; American Royal Livestock Show— Kansas City, Missouri, November; and Western National Livestock Show— Denver, Colorado, January. The top three teams from Texas 4-H Roundup represent Texas on the national level. Partial donor support may be provided to eligible teams for each event; however, teams raise money for the remainder of needed funding. County teams must qualify at county and district to advance to Texas 4-H Roundup.

Invitational Livestock Judging Contest and Workshop
Contact:

Dr. Jason Cleere, Extension Beef Specialist

jjcleere@tamu.edu 979-845-6931

Dr. Billy Zanolino, Extension Specialist

wfzanolino@ag.tamu.edu 979-845-6533

Entry (Non-Qualifying) Teams of 3 or 4 4-H members and Individual 4-H members (open to all non-qualifying intermediate and senior 4-Hers). This contest will give youth the opportunity to further their knowledge and skills when evaluating livestock through a workshop/practicum setting. Contest will include: four judging classes (beef, swine, sheep/goat), two keep/cull classes, quiz (over production and Quality Counts), questions over judging classes (5 questions per class)

Texas A&M University Livestock Judging Camp

Contact:

Texas A&M University Animal Science Department

extansc@ag.tamu.edu 979-845-7616

Dr. Billy Zanolino, Extension Specialist

wfzanolino@ag.tamu.edu 979-845-6533

The Department of Animal Science and the Texas 4-H & Youth Development Program annually hosts the "Texas A&M University 4-H Livestock Judging Camp." The camp is designed for 4-H youth ages 14-17 that are interested in building their knowledge about the evaluation principles associated with market and breeding beef, swine, and sheep. Oral reasons, live grading and the use of performance data will be heavily stressed. The cost range is \$250-\$500.

Texas A&M University Lamb Camp

Contact:

Dr. Shawn Ramsey, Associate Professor

sramsey@tamu.edu 979-845-7616

Dr. Billy Zanolino, Extension Specialist

wfzanolino@ag.tamu.edu 979-845-6533

This program is for the beginning and intermediate youth involved in raising and showing market lamb projects. It includes sessions on ethics, facilities, selection, nutrition, health and special emphasis on showmanship. The camp is held in July and is sponsored by the Animal Science Department.

Wool Judging Contest

Contact:

Dr. Frank Craddock, Extension Sheep & Goat Specialist

b-craddock@tamu.edu 325-653-4576

Teams can compete in two separate contests in which they evaluate wool and mohair on grade, texture, crimp, etc. The

National 4-H Wool Judging Contest will also be held in conjunction with the Sonora Open in June in Sonora, Texas. Partial donor support may be provided to eligible teams for each event; however, teams raise money for the remainder of needed funding.

Sheep and/or Goat Educational Presentation

Contact:

Dr. Frank Craddock, Extension Sheep & Goat Specialist
b-craddock@tam.u.edu 325-653-4576

Relate to the production of sheep and/or goats or to the utilization of their meat, milk or fiber.

Recordbook Category:

Sheep

Career Exploration Opportunities:

Farmhand

Owner/Manager/Share Farmer

Livestock Manager/Overseer

Cropping Manager/Overseer

Specialist Managers

Specialist Contractors

Farm Business Owner/Manager

Shearing Contractor

Shearer

Wool Handler

Wool Classer

Volunteer Opportunities

Livestock Mentor Program - see "Volunteer"

SHOOTING SPORTS

Printed Resources:

4-H Shooting Sports Leader's Guide*

4-H Shooting Sports Hunting Guide*

NRA/NRMA Reloading Manual*

NADA Archery Instructor's Manual*

Federal Cartridge Wildlife ID Guides:

Upland Birds

Small Game and Furbearers

Big Game

Waterfowl

National Rifle Association The Hunter's Guide

Teaching Aids

4-H Instructional DVD and much more

* available through workshops ONLY

Project Experiences:

Shooting Sports

Contact (unless otherwise specified):

Texas 4-H Shooting Sports Office

4hshootingsports@ag.tamu.edu 979-845-1214

Awards in most Shooting Sports events are based upon the Lewis Class System with numbers of classes and awards determined by the registrations on the entry deadline for each age and equipment class.

State 4-H Shooting Sports Games

Contact:

Texas 4-H Shooting Sports Office

4hshootingsports@ag.tamu.edu 979-845-1214

The Texas 4-H Shooting Sports Games are held every July in San Antonio at the National Shooting Complex. Match include 6 archery, 3 hunting (one with 4 parts), 4 muzzle loading, 12 pistol, 14 rifle, and 6 shotgun events plus overalls for both individual and teams. This is an open match for all 4-H Shooting Sports participants. Pre-qualification (aside from membership in 4-H and either the Shooting Sports or Field and Stream projects) is NOT required. In addition to the youth competitions, an adult fun match is provided as a fund raiser for the Texas 4-H Shooting Sports Committee, Inc. In 2007, a total of 685 shooters registered for and competed in this match, our annual outdoor championships.

Shooting Sports Ambassadors

Contact:

Texas 4-H Shooting Sports Office

4hshootingsports@ag.tamu.edu 979-845-1214

Senior 4-H Shooting Sports members may apply from July through the end of November to become 4-H Shooting Sports Ambassadors. A selection committee will review all documents and contact applicants prior to the January meeting of the committee. Ambassadors represent and interpret the program and the state at a variety of events, promoting the program in their regions.

4-H Shooting Sports Camp

Contact:

Texas 4-H Shooting Sports Office

4hshootingsports@ag.tamu.edu 979-845-1214

Two camps are planned for the program year. They differ in content and age/experience requirements.

1. Intermediate Level Shotgun Junior Olympic Camp - This camp, based in College Station, focuses on American skeet and trap as well as 5-stand sporting clays for junior and intermediate shooters. It lays a solid foundation of basic and intermediate skills for those who wish to improve their shotgun skills.
2. Advanced Junior Olympic Shotgun Camp - This camp, also based in College Station, is designed to enhance the skills of Senior 4-H shooters in international skeet and international trap.

National 4-H Shooting Sports Games

Contact:

Texas 4-H Shooting Sports Office

4hshootingsports@ag.tamu.edu 979-845-1214

The national 4-H Shooting Sports Program offers a national match each year in June for senior shooters (14 but not more than 19 on January 1, 2010). Texas 4-H requires evidence of having participated in all events included in each discipline for which any member applies. All eligible Texas 4-H Shooting Sports members having met age and experience requirements (outlined in the applications) are invited to apply for membership

in one of the nine, four-member teams to represent the Texas 4-H at this national event. Teams will be selected for recurve archery, compound archery, air pistol, smallbore pistol, hunting, muzzle loading rifle, air rifle, smallbore rifle, and shotgun events. Applications are due in the State Office before the end of November, and selections will be made in January. Selections use the entire application and are blind until initial rankings are complete. Names are added in the next phase to allow known abilities to be considered. A participant may participate in any given set of matches only once, but may return in other disciplines if age and abilities permit. Applications are posted on the web site.

4-H/Jaycees BB Gun Match

Contact:

Texas 4-H Shooting Sports Office

4hshootingsports@ag.tamu.edu 979-845-1214

Texas 4-H Shooting Sports and the Texas Jaycees cooperate in hosting an annual BB Gun Match that qualifies the winning team and runner-up to represent the state in the Daisy International BB Gun Contest. The event moves its location annually. Watch the Texas 4-H Shooting Sports Newsletter on our web site for information in January. The event is open to Junior (8-12) and Intermediate (13-14) shooters only.

4-H Indoor Rifle Contest

Contact:

Texas 4-H Shooting Sports Office

4hshootingsports@ag.tamu.edu 979-845-1214

This match permits the top three teams and the top three individuals (if not on those teams) to represent their district in a half-course, indoor, 3-position smallbore rifle match. The event uses A-36 targets and standard 50 foot smallbore rifle rules. Entry is made through forms on the web site, with early notification of the top three teams and individuals from each match requested. Pending development of a near-campus shooting site, the match will be conducted in Rosenberg. The top ten individual shooters after the match will compete in a 10 shot standing finals round with scoring after each shot is fired to determine final placing. The team scores are determined by using the top three scores in each position to form a team composite. In keeping with Roundup Rules, all members of winning teams are barred from future competition in this event only.

TPWD/Whizbang Sporting Clays

Contact:

Texas 4-H Shooting Sports Office

4hshootingsports@ag.tamu.edu 979-845-1214

This 5-stand sporting clays event is held in conjunction with EXPO each year with invitations coming from Charlie Wilson on behalf of Texas Parks and Wildlife. The State 4-H Office supports, but does not control or manage, this event.

Texas Youth Hunting Program

Contact:

Texas 4-H Shooting Sports Office

4hshootingsports@ag.tamu.edu 979-845-1214

An independent program managed by the Texas Wildlife Association with support from Texas Parks and Wildlife, this is an effort to get young people into the field with qualified adult mentors and guides. Mr. Jerry Warden directs the program from the TWA offices in San Antonio. Note that some Field and Stream or Shooting Sports clubs have developed their own hunting programs using this model.

4-H Indoor Archery Match

Contact:

Texas 4-H Shooting Sports Office

4hshootingsports@ag.tamu.edu 979-845-1214

The match includes the indoor FITA (10 ends of 3 arrows each at 18 meters on 60 cm (recurve) or 40 cm (compound) targets for most archers.) First year junior archers may elect to shoot at 9 meters and shoot only 30 arrows if desired. Clover Kids are not permitted to participate in this event. Lewis Class scoring will be applied where sufficient entries exist.

Recordbook Category:

Shooting Sports

Career Exploration Opportunities:

Chemical Engineering
Aerospace Engineering
Structural Engineering
Biological Sciences
Physics
Optics
Chemistry
Mathematics
Metallurgy
Stock making
Sales and Marketing
Gunsmith
Demonstration Shooter
Wildlife Biology and much more

Volunteer Opportunities:

4-H Shooting Sports Volunteer And Junior Leader Training

Contact:

Texas 4-H Shooting Sports Office

4hshootingsports@ag.tamu.edu 979-845-1214

Both youth and adults are equipped to lead this program and to assist others in learning the disciplines of Shooting Sports. Training programs are announced through the Texas 4-H Shooting Sports Web page and by direct communication with selected county offices. Youth 14 and older may attend the 2 to 4-day training workshops with an adult sponsor to become certified as junior leaders in the program. Certified volunteers receive approximately 30 hours of training in all disciplines except hunting, where training programs approximate 65 hours in length. Volunteers and youth attending these programs

receive general orientation to the program and its objectives and methods and complete a single discipline at each workshop: coordinator, archery, black powder, hunting, pistol, reloading, rifle or shotgun. We attempt to hold two workshops annually in each of the four Extension Regions at the invitation of regional specialists or county Extension Agents. Additional workshops may be offered as time permits and demand dictates. In general, single discipline workshops, except in hunting and reloading, are discouraged.

Advanced Shooting Sports Training

Contact:

Texas 4-H Shooting Sports Office

4hshootingsports@ag.tamu.edu 979-845-1214

Periodic efforts are made to expand training to include more advanced instruction as demand for those elements is demonstrated. Some volunteers are able to complete advanced training as coach-counselors at various Shooting Sports camp programs. Others seek external training through cognate organizations like, NADA, NRA, NSCA, NSSA, CMP, and USA Shooting. These supplement, but do not substitute for, basic 4-H training.

SOIL & CROP SCIENCE

Printed Resources:

Project Experiences:

Soil Judging

Contact:

Dr. Tony Provin, Extension Soil Chemist

t-provin@tamu.edu 979-862-4955

Soil judging focuses on determining the soil characteristics of soil profiles and making interpretations based on observation. Actual judging includes four soil profiles with 20 minutes allowed for each.

Recordbook Category:

Plant and Soil Science

Career Exploration Opportunities:

Landscape Design and Ornamental Horticulture

Greenhouse and Nursery Management

Turf Management

Soil Science

Plant Biotechnology

Vegetable and Fruit Production

Soil Fertility Management

SPORTFISHING

Printed Resources:

National 4-H Sportfishing Leader's Guide (draft version)

National 4-H Curriculum (www.n4hccs.org):

Fishing 1 - Take the Bait

Fishing 2 - Reel in the Fun

Fishing 3 - Cast into the Future

Fishing for Adventure Helper's Guide

Project Experiences:

Sportfishing Volunteer Training/Advanced Sportfishing Training Contact:

Mr. Larry Hysmith, Extension Program Specialist

lhysmith@ag.tamu.edu 979-845-1214

Volunteer leaders and junior leaders are encouraged to participate in both basic and advanced training in this discipline area. While we realize that sportfishing is a single topic, we have divided it into convenient portions to make training easier. We have materials to support angling skills (tackle and tactics along with release, killing, preparation and storage and cooking), aquatic ecology (the science of fishing), fishing heritage (history folklore, collections, stories, conflict resolution and more), tackle crafting (lure making, fly tying, jig casting, jig painting and dressing, soft plastics, rod building, sewing projects, woodworking projects, and PVC pipe projects for anglers). Using a team approach permits a county to form a functional group with a broad array of skills to convey to youth.

Texas 4-H Sportfishing Workshops

Contact:

Mr. Larry Hysmith, Extension Program Specialist

lhysmith@ag.tamu.edu 979-845-1214

Adult leaders receive two days of valuable training in a given discipline with hands-on techniques for program delivery. Each element is taught for the full time, so it is best to bring at least four people to cover all disciplines. Each discipline is a separate session, so only one can be taken by any person during a single workshop.

Recordbook Category:

Wildlife & Fisheries

Career Exploration Opportunities:

Fishing Guide

Wildlife Biologists

Fishery Biologists

Refuge Managers

Outdoor Recreation Planners and Rangers

Special Agents

Wildlife Inspectors

Refuge Officer

ADDichthyologist

Ecologist

Ethologist

Conservation Officer

SWINE

Printed Resources:

National 4-H Curriculum (www.n4hccs.org):

Swine - Group Activity Helper's Guide

Swine 1 - The Incredible Pig

Swine 2 - Putting the Oink in Pig

Swine 3 - Going Whole Hog

Texas A&M Publications (<http://animalscience.tamu.edu>)

Baby Pig Basics

Carcass Quality - Why Is It Important

Diarrheal Disease in Show Swine
 Elimination of the Porcine Stress Gene: What the Show Pig Industry Needs to Know
 From the Ground Up: Importance of Structural Soundness
 From Pen to Place: Carcass Composition of Market Hogs
 Keeping Show Gilts As Replacements
 Keeping Show Pig Healthy (E-418)
 Paylean Use in Show Pigs
 Preventing Drug Residues in Livestock
 Preventing Lameness in Show Pigs
 Providing a Safe, Wholesome Product: Administration of Medications to Ensure Safety and Quality
 Starting Them Off Right! Getting Your New Show Pigs on the Right Track
 The Facts About Paylean - Ratanapamine for Swine
 The Frequency of the Porcine Stress Gene in Texas Show Pigs
 Texas 4-H Swine Guide (AS 16-1)
 Breeding Swine Selection
 Evaluating Market Swine
 Livestock Judging Contest Scoring Procedures
 Presentation of Oral Reasons
 Sample Sets of Livestock Judging Oral Reasons by Former Members of the TAMU Livestock Judging Teams

Project Experiences:

Contact:

Texas Pork Producers Association Pork Leadership Camp
Texas Pork Producers

The Pork Leadership Camp is a week-long intensive training tour of the pork industry across Texas. Participants learn about the production, marketing, processing and merchandising of pork, and critical issues facing the pork industry. For more information: <http://www.texaspork.org/>

Texas A&M Livestock Camp with TJLA

Contact:

Dr. Billy Zanolino, Extension Specialist
wfzanolino@ag.tamu.edu 979-845-6533

This program is one species of the TJLA Cow/Lamb/Goat and Pig Camp and is primarily for beginning and intermediate youth involved in livestock projects. It includes sessions on ethics, showmanship, feeding, nutrition, housing, and clipping and fitting.

Invitational Livestock Judging Contest and Workshop

Contact:

Dr. Jason Cleere, Extension Beef Specialist
jjcleere@tamu.edu 979-845-6931

Dr. Billy Zanolino, Extension Specialist
wfzanolino@ag.tamu.edu 979-845-6533

Entry (Non-Qualifying) Teams of 3 or 4 4-H members and Individual 4-H members (open to all non-qualifying intermediate and senior 4-Hers). This contest will give youth the opportunity to further their knowledge and skills when evaluating livestock through a workshop/practicum setting. Contest will include: four judging classes (beef, swine, sheep/goat), two keep/cull classes, quiz (over production and Quality Counts), questions over

judging classes (5 questions per class)

Invitational Swine Quiz Bowl

Mr. Andy Hart, Extension Program Specialist
Amhart@ag.tamu.edu 866-898-7662

Swine Quiz Bowl is an opportunity for both intermediate and senior age 4-H'ers to compete in a game like atmosphere to show their knowledge in a team competition about the Swine Industry. It will be a non-qualifying invitational state event.

Recordbook Category:

Swine

Career Exploration Opportunities:

Breeding supply consulting service
 Artificial insemination service
 Supply dealer
 Processing plant owner
 Branding service
 Fertilizer dealer
 Auctioneer
 USDA grader
 Show manager
 Livestock barn operator/order buyer
 Feed lot owner/manager
 Breed association representative
 Equipment manufacturing and sales
 Feed sales/nutritionist.

Volunteer Opportunities:

Livestock Mentor Program - see "Volunteer"

T

TAKE A STAND (Bullying/Conflict Mgt)

Printed Resources:

Take A Stand, 3-5 Grade (4-H TAS.3-5) -- \$20.00

Take A Stand, 6-8 Grade (4-H TAS.6-8) -- \$20.00

Take A Stand, 9-12 Grade (4-H TAS.9-12) -- \$20.00

Note: Can buy the full set of curriculum for \$50.00

Contact:

Ms. Meredith Carter, Extension Program Specialist
macarter@ag.tamu.edu 361-265-9201

Take a Stand is an enrichment curriculum which addresses the issue of bullying and conflict management. Through a series of experiential activities, youth gain skills in learning how to deal with conflict and bullying while increasing life skills such as communication, teamwork, cultural awareness and etiquette. This 10 lesson series is designed to be used in the traditional classroom or may be used as a 4-H club project. This curriculum can be ordered from the AgriLife Bookstore (www.agrilifebookstore.org) or contact your local county Extension agent to discuss implementation of this program.

THEATER AND PERFORMING ARTS

Printed Resources:

National 4-H Curriculum (www.n4hccs.org):
 Theatre Arts - Group Activity Helper's Guide
 Theatre Arts 1 - Play the Role - Acting
 Theatre Arts 2 - Become a Puppeteer - Puppetry
 Theatre Arts 3 - Set the Stage - Stagecraft

Project Experiences:

Share the Fun

Contact:

Ms. Laura Huebinger, Extension Program Specialist
 lhuebinger@ag.tamu.edu 254-968-4144

Allows 4-H members to demonstrate talent and skills in the area of performing arts.

Category Descriptions:

1. POETRY/PROSE—maximum of nine (9) participants. Acts which showcase poetry or prose are required. The act may NOT incorporate vocal, musical, and/or choreographed routine. This category does not require 4-H related material, however, if an original poem or prose piece showcasing 4-H is written, this would be acceptable. Every 4-H member entered in the category must be a part of the performance on stage. All material must be memorized. No script may be used during the performance. Judged on material chosen, message, talent, presentation, style, props/costuming. Four (4) minutes total for set-up and break down; maximum of six (6) minutes for presentation for a total of ten (10) minutes per act.

Defining Poetry and Prose: Poetry is generally characterized by structured meter and rhyme that tells a story or provides a message to the reader. Prose is distinguished from poetry by its greater variety of rhythm and its closer resemblance to the patterns of everyday speech. Another description might be an excerpt from a larger piece such as a play or book.

2. VOCAL — maximum of nine (9) participants. Vocal presentation may be done a cappella or with an accompaniment CD/tape. No accompanist will be allowed for this category. All members in the act must be singing. No lip sync will be allowed. Contestants may not present skits, poetry or other speaking during the act. They may, however, move around the stage and incorporate choreography with their presentation for the purpose of enhancing their showmanship. Sign language may be added to enhance the performance, but entries that strictly showcase sign language without vocal presentation are not permitted in this category. They must be entered in Choreographed routines. Judged on talent, showmanship, vocal presentation, and material chosen. Four (4) minutes for set-up and break down; maximum of six (6) minutes for presentation for a total of ten (10) minutes per act.

3. MUSICAL-INSTRUMENTAL – 1 to 9 participants. Musical presentation may be musical instruments accompanied by background tape or an instrumental

performance only. No accompanist will be allowed. Participants may not sing or incorporate a skit, poetry, prose, or choreography with their act. Judged on talent, showmanship, musical presentation, and material chosen. Four (4) minutes for set-up and break down; maximum of six (6) minutes for presentation for a total of ten (10) minutes per act.

4. SOLO/BAND PERFORMANCE – 1 to 9 participants. All 4-H members entered in the category must be a part of the act by playing a musical instrument, singing, or both (solo performance must play an instrument and sing). Participants MUST incorporate singing in the acts, but cannot incorporate skits, poetry, or prose. They may, however, move around the stage and incorporate choreography with their presentation for the purpose of enhancing their showmanship. Judged on talent, showmanship, musical presentation, vocal presentation when applicable, and material chosen. Four (4) minutes for set-up and break down; maximum of six (6) minutes for presentation for a total of ten (10) minutes per act.

5. CHOREOGRAPHED ROUTINES — maximum of nine (9) participants. No speaking to form a skit or story line. The act requires choreography and can be demonstrated through twirling, pom pom squad routines, jump rope teams, basketball dribbling exhibitions, or dance (jazz, tap, country & western, ballroom, etc.). Sign language presentations to music have been added to choreographed routines. However, if a participant is SINGING and SIGNING, this entry should be entered in the Vocal Category. All 4-H members entered in the category must be a part of the act. Acts may use taped music on CD or cassette tape but may not use an accompanist. Judged on material chosen, talent, uniformity, creativity, showmanship, costuming, and material chosen. Four (4) minutes for set-up and break down; maximum of six (6) minutes for presentation for a total of ten (10) minutes per act.

6. CELEBRATE 4-H—maximum of nine (9) participants. May be a 4-H based story line, promoting 4-H, community service, a project or activity. This category may also address a specific youth issue and present ways in which this issue can be addressed through 4-H efforts. May incorporate music, vocal selections, and/or choreographed routines but these aspects cannot be more than half of the performance. Skits can be humorous, creative and make fun of but not degrade Extension employees or the 4-H program. All 4-H members entered in the category must be a part of the act. Judged on material chosen, talent, creativity, showmanship, costumes and props. Four (4) minutes for set-up and break down; maximum of six (6) minutes for presentation for a total of ten (10) minutes per act.

Recordbook Category:

Public Speaking
 Communication and Expressive Arts

Career Exploration Opportunities:

Actor/Actress
 Singer/Songwriter
 Performer
 Composer
 Stage Manager
 Concert Promoter

**VETERINARY SCIENCE**Contact:

Mrs. Laura Huebinger, Extension Program Specialist - 4-H
lhuebinger@ag.tamu.edu 254-968-4144
Dr. Floron "Buddy" Faries, Jr., Professor & Extension Program
Leader for Veterinary Medicine
ffaries@cvm.tamu.edu (979) 845-4353

Printed Resources:

4-H Veterinary Science Project Brochure
 (<http://aevm.tamu.edu/>)
 Available through AgriLife Bookstore
 (<https://agrilifebookstore.org/>)
 Veterinary Science: Preparatory Training for the Veterinary
 Assistant (SP-444)
 Teacher Key – Veterinary Science: Preparatory Training for the
 Veterinary Assistant (SP-447)
 Curriculum Guide – Veterinary Science: Preparatory Training
 for the Veterinary Assistant (SP-440)
 One Health Science & Technology (SP-470)
 Teacher Key – One Health Science & Technology (SP-471)
 National 4-H Curriculum (www.n4hccs.org)
 Veterinary 1 – From Airedales to Zebras (08048)
 Veterinary 2 – All Systems Go! (08049)
 Veterinary 3 – On the Cutting Edge (08050)
 Veterinary Science Helper's Guide (08051)
 Veterinary Science – Set of 4 (08052)
 Nebraska Veterinary Science Curriculum
 (<http://4hcurriculum.unl.edu/catalog/plantsanimals.html>):
 Veterinary Science Unit 1: The Normal Animal (4H131)
 Veterinary Science Unit 2: Animal Disease (4H48)
 Veterinary Science Unit 3: Health and Relationship (4H133)
 Veterinary Science: Leader's Guide (4H192)

Project Experiences:*4-H Veterinary Science Project*Contact:

Dr. Floron "Buddy" Faries, Jr., Professor & Extension Program
Leader for Veterinary Medicine

ffaries@cvm.tamu.edu 979-845-4353

Tina Nuche, Lead Office Associate, Extension Veterinary
Medicine

tnuche@cvm.tamu.edu (979) 845-4353

The 4-H Veterinary Science Project is a 5-year curriculum based project with 100 lessons and 50 activities that gives youth interested in veterinary medicine opportunities to work in the field. The project is career-oriented and provides job-training so students can determine if this is a field they would like to pursue. Students who participate in this project will work with licensed veterinarians at their practice. By doing this hands on training they learn the knowledge and skills that are expected of a veterinary assistant. This will also be valuable on a resume and will help them to prepare for a professional program degree from an accredited university. This project has a set curriculum that allows youth and adults to work together to achieve success. It also allows for youth to develop an interest in veterinary medicine, human medicine and other allied health fields.

*4-H Veterinary Science Skill-A-Thon*Contact:

Mrs. Laura Huebinger, Extension Program Specialist - 4-H
lhuebinger@ag.tamu.edu 254-968-4144

The Veterinary Science Skillathon is a competitive event designed to test the knowledge and skills that a 4-H member can gain through their involvement in a Veterinary Science project. There are several components to the contest. The Written Exam is to test the contestant's subject matter knowledge. The Skills Stations examine the hands-on or experiential learning. The Quiz Round requires contestants to think on their feet, as well as analyze risks as far as losing points for incorrect answers, and this part is generally the most fun for the participants. Finally, the Communication/Interview portion of the contest helps to develop public speaking skills.

*Veterinary Enrichment Camps*Contact:

Dr. Elizabeth Crouch, Associate Director of Biomedical Science
College of Veterinary Medicine and Biomedical Sciences
(800)874-9591

This special summer program is for high school students who have an interest in science, mathematics, and veterinary medicine. The three-day program will give participants the opportunity to explore the possibilities of veterinary medicine as a career. Participants will live in air-conditioned university dormitories, attend special classes, and discover the broad diversity of career opportunities available to graduates with a Doctor of Veterinary Medicine degree.

Texas A&M College of Veterinary Medicine and Biomedical Sciences Open House

Contact:

www.cvm.tamu.edu/openhouse 979-845-5051

Held annually in the spring as an opportunity for students to visit and participate in areas of veterinary medicines such as: cardiology, dentistry, endoscopy, feline medicine, intensive care, orthopedics, parasitology, pathology, public health, rehabilitation, and zoo medicine.

Recordbook Category:

Veterinary Science

Career Exploration Opportunities:

Veterinary (small and/or large animal)

Veterinary Assistants/Technicians

Researcher

Pharmaceutical Sells

Regulatory Agency employee

Animal Shelter

Education institution

Diagnostic Laboratory

VOLUNTEER

Role of 4-H Volunteers

Contact:

Mrs. Courtney Dodd, Extension Program Specialist - 4-H

cfddod@ag.tamu.edu 979-845-6533

Resources:

4-H is a non-formal educational program delivered by volunteers supervised by county Extension agents. A 4-H volunteer leader is a person who is responsible for a group, activity or event, and the members and/or other volunteers involved.

There are several major roles adults may assume in 4-H:

Direct Volunteer

Any adult volunteer who meets the following criteria:

- provides unpaid support for the 4-H program through face-to-face contact;
- provides a learning experience for youth;
- has volunteer application on file in the county Extension office;
- has a job description on file; and
- passed a criminal background check within the past three years.

Examples: club manager, project leader, camp counselor, teacher and coach

Indirect Volunteer

Any volunteer who meets the following criteria:

- provides unpaid support for the 4-H program which does not include face-to-face contact with youth;
- does not provide a learning experience for youth;
- has a volunteer application on file in the county Extension office; and
- has a job description on file.

Examples: youth or adult board members, committee members, livestock show boards and donors

Club Manager

Any enrolled volunteer who provides guidance in the general leadership and management to a 4-H club unit. A 4-H club manager involves 4-H officers, parents/supporting adults, leaders and members in promoting the goals of 4-H and serves as the contact person between the club and the county Extension office.

Project Leader

Any enrolled volunteer who provides structured learning experiences, personal guidance as well as counseling in project-related opportunities for 4-H members enrolled in the project group. Junior leaders assist project leaders by taking responsibility for specific tasks as requested by the leader.

Activity Leader

Any enrolled volunteer who works closely with the club manager(s). They are responsible for one or more activity areas in the 4-H club. This will be a non-project area.

Livestock Mentor

The purpose of the Texas 4-H Livestock Mentor Program is to recruit and train volunteers/project leaders that will provide support and leadership to the project, new members, and leaders enrolled in the project, thereby enhancing the project experience for youth. Livestock Mentor Training Program is available for beef, swine, shee and goat, horse, and small animals such as rabbit and poultry.

Any adult volunteer who meets the following criteria:

- participates in Livestock Mentor training, gaining knowledge and skills in youth development and subject matter species areas;
- is able to make significant contributions to leadership in the subject matter area;
- commits to provide service and leadership in the subject matter to the 4-H program;
- has a volunteer application on file in the county Extension office;
- has passed a criminal background check within the past three years.
- has a job description on file.

Episodic/Random Volunteer

Volunteer involved with a single or limited activity, event, or program on a short-term basis. They may volunteer for more than one episode.

Age

It is understood that a person must be at least 21 years of age at the time of a 4-H event to serve as an adult overnight chaperone. A person 18 years or older may serve in other volunteer roles.

It is the responsibility of the 4-H volunteer to carry out the assigned position responsibilities that he or she has accepted. 4-H volunteers are expected to conduct themselves as good examples for youth in both public and private life. This includes appropriate dress, language and moral conduct in accordance with the generally recognized standards of our society. It should be understood by the volunteers that they are expected to participate in learning, training and teaching opportunities provided for them. Being a 4-H Volunteer is a privilege, not an inherent right. The 4-H Administration has the authority to restrict a volunteer's involvement based on the best interest of

the total program. Dismissal procedures are in section B.5 and C.1 of the Texas 4-H Rules and Guidelines.

Youth Protection Standards

Contact:

Mrs. Courtney Dodd, Extension Program Specialist - 4-H
cfdodd@ag.tamu.edu 979-845-6533

The Texas A&M AgriLife Extension Service Youth Protection Standards Program was implemented to assist in providing a safer and more positive environment for youth and adult volunteers. All direct volunteers who work with youth and adults must be screened through the Youth Protection Standards Program prior to fulfilling any roles as a volunteer. The YPS Program involves a criminal background check of all direct volunteers working with youth and adults in Extension programs. To be screened, volunteers must complete a 4-H Volunteer Application annually and be screened every three years. Screening by other entities may be accepted depending upon the screening source. Upon completion of screening, volunteers are assigned a status of cleared, restricted or dismissed.

Volunteer Liability

Contact:

Mrs. Courtney Dodd, Extension Program Specialist - 4-H
cfdodd@ag.tamu.edu 979-845-6533

In order for a volunteer to serve with Texas A&M AgriLife Extension Service and the Texas 4-H and Youth Development Program, all 4-H volunteers must be formally enrolled on 4-H CONNECT. This is an annual process. Criminal background checks will be conducted every three years for volunteers being qualified through the Youth Protection Standards Program. Texas A&M AgriLife Extension Service volunteers do not have the same immunity from liability as governmental units and employees. However, volunteers may be immune from civil liability under Section 51.937 of the Education Code for discretionary acts within their scope of duties as volunteers for Texas A&M AgriLife Extension Service. This law does not apply to the operation of motor vehicles. Adult volunteer leaders are expected to act in good faith and without negligence in the performance of their duties in order to minimize any chance of creating a Texas A&M University System liability.

Experiences:

Texas 4-H Livestock Mentor Program

Contact:

Dr. Billy Zanolino, Extension Specialist
wfzanolino@ag.tamu.edu 979-845-6533

These training programs provide volunteer leaders with expertise in beef, goat, horse, sheep, and swine. Master volunteer candidates are trained a minimum of 20 hours. Participants are certified master volunteers after completing 50 hours of service and the program evaluation. Master Volunteers provide support to local and county project work and to youth development. A minimum of one training in each species is held each year, rotating locations within each of the four regions of Texas Extension.

Adult Leadership Institute

Contact:

Cooperative Extension Program 4-H & Youth Development
Unit at Prairie View A&M University
936-857-2517

The Adult Leaders Institute teaches volunteer leaders (both youth and adults) contemporary 4-H leadership principles. The institute targets senior 4-H'ers and adults that have had no opportunity to assume traditional leadership roles, but demonstrate leadership potential. This institute provides eight hours of formal training at Prairie View A&M University and eight hours of interactive hands-on program training through independent study and community service.

Trainees are responsible for conducting youth programs with 4-H members and new youth groups in their respective communities.

County 4-H Parent/Leaders' Association

Contact:

County Extension Office

This association works together at the county level to improve leadership opportunities for 4-H members. These volunteers are dedicated to the well-being and development of youth, assume direct responsibility in working with youth, believe in a helping relationship between youth and adults and seek to improve their own abilities in working with youth. Any interested enrolled volunteer 4-H leader may belong to the association. All enrolled 4-H leaders within the county are invited to attend association meetings.

The County 4-H Parent/Leaders' Association also serves volunteer 4-H leaders. Leaders exchange ideas, discuss mutual concerns and help each other. Association meetings provide leaders with information about 4-H and about working with youth. Meetings feature learning, sharing and fellowship. Two voting delegates from each local association may attend district association meetings. These delegates are typically the county president, district voting delegate or vice president.

County Youth Advisory Boards

Contact:

County Extension Office

The 4-H & Youth Advisory Board provides oversight to the 4-H program and assists the County Extension Agent(s) with youth outcome programming. The 4-H & Youth Advisory Boards meet face-to-face with the County Extension Agent at least twice annually, with additional communication via distance technologies. The board is comprised of youth and adults who work with or have interest in the area of 4-H and Youth Development and who represent the demographics and diversity of the country, including different schools and precincts.

Volunteer Conference

Contact:

Mrs. Courtney Dodd, Extension Program Specialist - 4-H
cfdodd@ag.tamu.edu 979-845-6533

The 4-H Volunteer Conference is held annually in July at varying locations. The conference offers volunteers more than 30 educational workshops that focus on 4-H projects and opportunities. Volunteers also learn the latest and greatest of what's going on in the Texas 4-H Program and have the

opportunity to meet and network with volunteers from around the state. Registration scholarships are typically available to volunteers through the 4-H Foundation.

VOLUNTEER RECOGNITION

- see "Recognition"

W

WATER

Printed Resources:

Operation W.A.T.E.R.: Dr. Thistle Goes Underground (B-6193)
 Aquatic Resources Education - 4-H FISH 4-6.22
 Investigating Water - Shooting Sports Office (979) 845-1214 (4-H 17-1)
 Give Water A Hand - (<http://www.uwex.edu/erc/gwah>).
 Texas Water Conservation Handbook - 4-H CON 5.020
 Pond and Stream Safari - item # 147L24 (N4-HC)
 Something's Fishy (school based curricula) (SP-136)
 Fishing for Adventure – PC-07604 (N4-HC)

Project Experiences:

State Youth Water Camp

Contact:

Ward County Extension Office

ward@ag.tamu.edu 432-943-2682

Website: <http://ward-tx.tamu.edu/>.

Texas 4-H Water Camp is a hands-on educational program for older youth held each summer. The program is designed to help youth understand issues about water use and conservation and to become aware of related career opportunities.

Texas 4-H Roundup - Open Category Educational Presentation
 Texas 4-H Roundup-Natural Resources Educational Presentation
 SpecTra - Aquatics (limited to 16 participants)
 Sportfishing - Aquatic Ecology Section

Recordbook Category:

Natural Resources

Career Exploration Opportunities:

Land Surveyor
 Hydroelectric Power Utility Engineer
 Control Engineer
 Electrical Engineer
 Engineering Geologist
 Engineer, Water Resources
 Mechanical Engineer
 Photogrammetrist
 Land and Water Use Analyst
 Environmental Scientist
 Junior Chemist
 Public Health Chemist
 Water Resources Technician
 Water Resources Engineering Associate
 Water Services Supervisor

Biologist
 Aquatic Scientist
 Research Assistant
 Oceanographer
 Environmental Regulatory Specialist

WILDLIFE & FISHERIES

Printed Resources:

City Critters Curriculum (SP-260)
 Predators in the Classroom Curriculum (SP-100)
 Something's Fishy Curriculum (SP-136)
 White Tail Deer Curriculum (SP-258)
 Wildlife Success Stories Curriculum (SP-255, SP-109)

Project Experiences:

Texas Brigades

Contact:

Dr. Dale Rollins, Extension Wildlife Specialist
d-rollins@tamu.edu 325-653-4576

The Texas Brigades are four half-day programs for youth ages 13-17, with some of the top wildlife and fisheries professionals in Texas serving as instructors and mentors. There are four programs to choose from: Bobwhite Brigade, Feathered Forces, Buckskin Brigade and Bass Brigade.

Texas Wildlife Habitat Evaluation Program

Contact:

Mr. Larry Hysmith, Extension Program Specialist
lhysmith@ag.tamu.edu 979-845-1214

Specific information about this program can be obtained from the program coordinator, (979) 845-0916. The winning team will qualify to represent Texas in the National Wildlife Habitat Judging Invitational at a date and location to be announced.

Wildlife Conservation Camp

Website at www.tctws.org.

The Texas Chapter of the Wildlife Society and Texas 4-H present this week-long, intensive training program for youth interested in exploring wildlife science as a career. A variety of instructors from all over the state will involve participants in hands-on field activities with a wide variety of techniques and species. Details on date, location, cost and registration will be in the spring edition of "Field Notes."

National Wildlife Invitational

Contact:

Mr. Larry Hysmith, Extension Associate
lhysmith@ag.tamu.edu 979-845-4865

This event will be held in North Dakota. Dates are to be announced.

Advanced Training in Wildlife and Hunting

Contact:

Texas 4-H Shooting Sports Office
4hshootingssports@ag.tamu.edu 979-845-1214

Advanced trainings for adults and teens are scheduled throughout the year. Topics include waterfowl biology and habitat, quail hunting, wildlife habitat management, aquatic ecology, fly fishing, sunfish fishing and tackle crafting. Topics and training locations may change each year. Participants are equipped to teach these topics in their local clubs.

*Wildlife Habitat Evaluation Project**Contact:**Mr. Larry Hysmith, Extension Associate**lhysmith@ag.tamu.edu 979-845-4865*

4-H Wildlife Habitat Evaluation Project Coaches Training is for volunteers who will coach teams competing in the 4-H Wildlife Habitat Judging Contest held in June. The location is to be announced.

*Wildlife Contest and Workshop**Contact:**Mr. Larry Hysmith, Extension Program Specialist**lhysmith@tamu.edu 979-845-1214*

Entry (Non-Qualifying) Team of 3 to 4 4-H members (open to all intermediate and senior 4-Hers). The Wildlife Contest and Workshop will give youth the opportunity to explore five 4-H Natural Resource Project Areas. These areas include: sportfishing, Hunting/Wildlife, Forestry, Entomology, and Wildlife Habitat Evaluation Plan (WHEP). This three part contest includes identification, decision making, and a knowledge and skills quiz that cover the five afore mentioned areas.

Recordbook Category:

Wildlife & Fisheries

Career Exploration Opportunities:

Fishing Guide

Game Warden

Wildlife Biologists

Fishery Biologists

Refuge Managers

Outdoor Recreation Planners and Rangers

Special Agents

Wildlife Inspectors

Refuge Officer

WORKFORCE PREPARATION AND CAREERS

Printed Resources:National 4-H Curriculum (www.n4hccs.org):

Workforce - Get in the Act! Take 1 Helper's Guide

Workforce - Get in the Act! Take 1 Youth Guide+CD

Project Experiences:

Texas 4-H "For the Record" Record Keeping

Texas 4-H Recordbook

Recordbook Category:

Personal Development/Leadership

Career Exploration Opportunities:

All careers can be explored in this project.

For more information on the Texas 4-H and Youth Development Program visit us online at:



Texas 4-H Clover

Released: September 2012

Primary Publication Coordinator:

Toby L. Lepley, Ph.D., Extension 4-H and Youth Development Specialist

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