

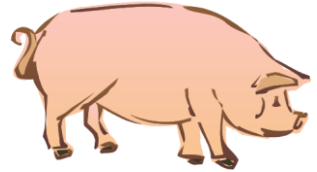


# 4-H Agriculture & Natural Resources Project Areas

## Animals

### **Beef Cattle, Dairy Cattle, Sheep, Goats, Swine, Poultry, & Rabbits**

Youth provide all aspects of care (feed, housing, veterinary) and training for project animal. Projects in these areas can consist of raising either breeding animals intended to produce offspring or market animals intended for human consumption. Time requirements for these projects vary from a few weeks for market rabbits/poultry to a year or longer for breeding heifers. Project costs vary based on animal type. Most animals can be exhibited at local, county, state and national level shows.



### **Dog Care**

Youth learn all aspects of care and training for their canine companion. Youth can compete at local dog shows and the State 4-H Dog Show.



### **Horse**

Youth learn all aspects of care and training for their horses. Horses do not have to be registered. Youth and their horse can compete in 4-H shows on the District and State level. There are also non-4-H sponsored shows available for horse project exhibitors.

### **Veterinary Science**

Youth in these project areas explore animal husbandry and animal care across multiple species of livestock, gaining knowledge and exploring careers in these areas of food animal production and companion animal care. Veterinary science graduates are eligible to gain technician certification.



### **Horse and Beef Quiz Bowls**

Youth form 3 to 4 member teams to study these project areas in more detail and then compete against other teams in tournaments held at the District and State 4-H level.

### **Livestock and Horse Judging**

Youth learn how to evaluate livestock or judge horses as a team (3 or 4). Older youth also learn to present oral reasons to contest officials. Contests are held locally, at the major livestock shows in Texas, and by 4-H on the District and State level.

## **Natural Resources**

### **Shooting Sports**

Youth learn the skills to safely handle and use small caliber rifles and shotguns.

Contests are held throughout the state and by 4-H on the District & State level.



### **Range/Grass Identification**

Youth learn to properly identify and classify as to their utilization by livestock and wildlife the major grasses, forbs, trees, and other browse plants of Texas. Contests are held in conjunction with major Texas livestock shows and by 4-H on the District and State level.

### **Sportfishing/Camping/Outdoor Skills**

Youth in these project areas learn proper skills and techniques in order to connect with the natural world around them. A new statewide contest called the Outdoor Challenge combines these skills along with shooting sports to create a 2 person, 10 event contest at the Texas 4-H Center in Brownwood.



## **Other Project Areas**

### **Public Speaking**

Youth can participate in public speaking events either individually or as a team. Public speakers research a topic and then develop a speech or demonstration to show/tell others what they have learned. Contests are held on the county, district, & state level.

### **Photography**

Youth in photography study how to properly operate a camera and photo composition before exploring their world and developing their own portfolio. Contests are available on the local, district and state level.



### **Leadership/Citizenship**

4-H members develop leadership skills by taking an active role in the operation of their 4-H club and become better citizens by helping to solve problems within their community.

### **Recordkeeping**

4-H members keep written and photographic records of their 4-H activities and complete record books in their main project area. Record book completion is a key step in becoming eligible to earn Bronze, Silver or Gold Star 4-H awards.

### **Scholarships**

Graduating HS Seniors are eligible to apply for college scholarships from the Texas 4-H Foundation. It's never too early to start working on your 4-H Resume.

For more information on these & other 4-H project areas, please contact Cherrie at

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