



Texas 4-H Range Science Project

Project Description

Do you love the great outdoors? If so, this project is for you! The Range Science project promotes and develops knowledge and skills in practical range, natural resource and ranch management. This is a great project for someone who wants to own a ranch or manage land that produces renewable goods and services for humans.

The Range Science project promotes and develops knowledge and skills in practical range, natural resource and ranch management. Projected costs are low to medium. Youth will learn about a variety of topics in outdoor education and management.

Basic

In the Range Science project, a 4-H member of any age may begin their project experience learning about:

- Ranchland management
- Water and how plants grow
- Vegetation areas of Texas
- Brush control and weed control
- Poisonous or toxic plants

Intermediate

- Grazing management strategies
- Ranch management practices and leasing rangeland
- Risk management for land
- How domestic grazing animals and wildlife species eat

Advanced

- At the advanced level of this project, youth may take their knowledge and teach others about Range Science.

TAKE RANGE SCIENCE FURTHER

Project Learning Opportunities:

- Attend local and county project meetings.
- Compete in the Soil Judging Contests
- Compete in the Range Evaluation Contests
- Compete in the Range & Pasture Grass ID Contests
- Compete in the Natural Resources Photography Contest

Resources:

- <https://texas4-h.tamu.edu/projects/range-science/>
- <https://www.tamupress.com/search-results/?keyword=Common-Texas-Grasses>
- <https://www.tamupress.com/search-results/?keyword=Texas-Range-Plants>
- <https://texas4-h.tamu.edu/wp-content/uploads/2015/09/4HRANGEhandoutPRG2014.pdf>
- https://texas4-h.tamu.edu/wp-content/uploads/publications_projects_range_collect_press_mount_store_plants.pdf
- <https://texas4-h.tamu.edu/wp-content/uploads/2015/09/grassIDcontestrules2015.pdf>
- https://texas4-h.tamu.edu/wp-content/uploads/Range_Evaluation_Manual.pdf

Did you know?

4-H is a club for kids and teens to develop life skills and make friends. Youth can join 4-H in all 254 counties. Everybody ages 8-18 and in 3rd-12th grades can join 4-H. Kids in Kindergarten to 2nd grades can join as Clover Kids. There are 43 different project areas in five project categories: Agriculture & Livestock, Family & Community Health, Leadership & Citizenship, Natural Resources, and STEM.

Want to get started?

First...Contact your County Extension Agent!

- Contact information can be found at texas4-h.tamu.edu > contacts information at the bottom of the page > county offices

Explore more at texas4-h.tamu.edu