



# **Project Opportunities**

## **Gardening & Horticulture**

- Certifications
  - Golden Ray Series
  - Junior Master Gardeners
- Gardening focused community service

## **Plant & Soil (Range) Science**

- Contests
  - Range & Pasture Grass ID
  - Range Evaluation
  - Soil Judging

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## **Dates:**

**1/3** County Round Up Educational Presentation Entries & Fees Due  
**1/24** County Round Up (EP)  
**4/22** District 9 Soil Judging  
**4/27-29** District 9 Round UP  
**6/5-8** State 4-H Round Up

# **Introduction to Horticulture & Range Science**



## Certifications

- **Golden Ray Series** requirements
  - 12 learning experiences
  - 1 service learning experience
  - 1 career exploration experience
- **Junior Master Gardener** requirements (per chapter of curriculum)
  - 1 group learning experience
  - 1 individual learning experience
  - 1 service learning experience



## Range & Pasture Grass ID

- Learn to identify all 74 of the native & introduced Texas grasses.
- During the contest you will be shown 40 grasses, identify them & decide the longevity, season, origin, & economic value of each of them.

## Educational Presentation

- Present an EP in the Open Ag & Natural Resource category

## Range Evaluation

- Make educated decisions regarding rangeland resources. This includes determining site health, stocking rate, and which management tools will best improve or maintain the natural resources like forage, soil, water, and livestock/wildlife.

## Soil Judging

- Determine the soil profiles of 4 classes of soil. Make interpretations regarding characteristics through observation.

