



4-H CLOVER CONNECTION

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<http://extension.okstate.edu/county/west-district/>
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July 2023

Summer is a great time to hone natural resources skills

We're halfway through summer vacation and it's likely many parents have heard "I'm bored" more than once from their children.

There are many things youth can be doing this summer that relate to 4-H projects in the natural resources project area, said Kevin Allen, [Oklahoma State University Extension](#) youth wildlife specialist and professor in the [Department of Natural Resource Ecology and Management](#).

"These are activities that will get kids up and active and will help them develop life skills," Allen said. "While many of them are geared toward outdoor activities, there are some that can be enjoyed from the comfort and air conditioning of your home. Whether you're into entomology, camping, fishing, birding, hiking, wildlife, environmental sciences or other things related to natural resources, there are 4-H projects for your interests."

Do you like fishing? Check out the Wildlife and Fisheries section on the [Environmental Science Curriculum](#) page on the [4-H Youth Development](#) website. Even if there isn't a lake, pond or river nearby, 4-H'ers can still work on fishing skills such as casting or knot tying.

Oklahoma has received quite a bit

of rain this year, especially compared to last year. Club members can make a rain gauge and compare the amount of rain collected to what the weatherperson says on the local news.

Allen said another fun activity is mapping the land. This could be as simple as mapping your backyard, or perhaps mapping the neighborhood or even several acres. Youth can map anything, including the types of trees in the area, streams or rivers, birds they find or wildlife habitat.

"Working on a mapping project is a good time to learn how to read a compass. This is an important skill to know because technology isn't always available in some areas," he said. "If you're on a camping trip in a remote area, the GPS on your phone may not work."

Take a close look at the leaves from the various trees in the area and observe their similarities and differences. Make a [leaf press](#) to preserve the leaves for a 4-H project that can be entered into the county fair. Club members can learn about the various characteristics of trees to help them with their tree identification skills.

Are there a lot of birds in the neighborhood? Learn [how to use binoculars](#) to help with [bird iden-](#)

[tification](#). Add a birdhouse and different types of birdfeeders to attract more feathered friends to the area. Look at the different beaks on birds to help determine what they eat.

Who doesn't like a creepy, crawly insect? Capturing insects for an insect board is a great entomology project and could also be a fair entry.

"Summertime is a great time for camping but check your equipment to make sure it's in good condition before heading off into the great outdoors," Allen said. "You don't want to set up camp and get ready to cook supper only to discover your camp stove doesn't work."

Geocaching, learning about geology, looking for animal tracks, planting wildflowers or growing a garden can be a lot of fun. Take a day trip to one of Oklahoma's state parks or take advantage of parks and other natural areas in your hometown.

"Summer is going by quickly, so get outside and enjoy some of these natural resource projects. It's a great chance to learn something new and get a head start on that fair project," he said.

DATES TO REMEMBER

Dist. Discovery Days	July 7
Leather Making workshop	July 10
Beginner Sewing	July 17 & 18
State Round-Up	July 25-28
County Cloverbud Workshop	Aug. 2
County Recordbooks due	Aug. 7



PLO meeting to be held in July 17 at 5:30

2023-24 COUNTY OFFICERS

- ◆ President— Summer Prince
- ◆ V. President— Bailey Nickels
- ◆ Secretary— Shelbi Prince
- ◆ Reporter—Joe Sharp
- ◆ Recreation Leader—Monte McReynolds
- ◆ Executive— Josiah Benson

JUNIOR RECORD BOOKS

DUE TO 4-H OFFICE: AUGUST 7, 2023

The form for the junior record book is located on our Garfield County website -

<https://extension.okstate.edu/county/garfield/4-h.html>

TULSA STATE DATES IMPORTANT DATES & DEADLINES

July 1, 2023: Junior Livestock Show Nomination Deadline & Junior Market Broiler Order Deadline

August 1, 2023: Livestock & Horse Show Entries Open

August 25, 2023: Livestock & Horse Show Entry Deadline

September 1, 2023: Contest Deadline

September 1, 2003: Livestock & Horse Show Late Entry Deadline

September 8, 2023: Late Contest Entry Deadline

September 22, 2023: 4-H & FFA Competitive Exhibits Entry Deadline

September 25, 2023: Junior Livestock Show Substitution Deadline

EYO at the Oklahoma State Fair

If you haven't heard already, the OYE staff will be running EYO at the Oklahoma State Fair September 13-17. Entries will open July 1 and close August 25, there are NO nominations for EYO.



2022-2023 4-H Enrollment

Enrollment for the new 4-H year will begin August 1, 2023 . Anyone that is 8 AND in the 3rd grade or 9 years old may join 4-H. Members must be enrolled 30 days prior to compete in a county event and 60 days prior to compete in a state event. Enrollment is not complete until the \$20 enrollment fee is paid.

YOU MUST BE RE-ENROLLED TO COMPETE AT THE COUNTY FAIR

COUNTY FAIR BOOK

The newspaper will no longer be printing the 4-H portion of the county fair. The Fair book is available online at the Chisholm Trail Expo website and copies will be available mid-July at the office.

Pawnee Space Camp July 11, 9—4 Pawnee Fairgrounds

Morning Mission- 2-3 person teams will use scientific method to design and construct a hydro rocket (2- liter max size pop bottle) to deliver an Egnaut safely (un-cracked) down range to a 10 yard planet (circle on the ground). Launcher will be provided that fits standard pop bottles, max. 80 psi.

Afternoon Mission- The same teams will continue the mission by designing, building and programming a Mars/Lunar rover capable of carrying out research activities on alien planets. The only rovers allowed must be designed around the Mindstorm, EV3, Spike, Sphero robot Lego robots and the parts and sensors for them. Possible tasks will be taking light reflection readings of the soil (colored duct tape), measuring the size of obstacles, lifting the Egnaut and/or capsule and transporting, driving thru an obstacle course, transporting Sphero robot and unloading/reloading it after it performs research task, autonomous task. All the rover activities will be inside on tile floor.

The teams will be assigned by Mission Control in an attempt to keep the teams balanced, since we know there is a lot of difference in skill level and ages. Developing leadership, social and communication skills is part of 4-H, older 4-H'ers will help teach the younger 4-H'ers

Contact the office if you are interested in going by July 5.

July 11th 9am-4pm

OSAGE COUNTY EXTENSION
PAWNEE COUNTY EXTENSION

Registration \$15.00
Pawnee County Fairgrounds
Meal and supplies provided

Space Camp
COME AND JOIN US!

MORNING WORKSHOPS

- HYDRO-ROCKETS
- POP BOTTLE ROCKETS
- SIMULATED MISSION TO MARS- STUDENTS WILL USE SCIENTIFIC METHOD TO DESIGN A HYDRO ROCKET TO DELIVER AN EGGNAUT TO MARS. MUST USE LAUNCHER PROVIDED. 80 PSI AIR PRESSURE MAXIMUM

AFTERNOON WORKSHOP

- STUDENTS WILL USE SCIENTIFIC METHOD TO DESIGN A MARS ROVER (LEGOEV3, SPIKE OR SPHERO BOLTS) TO EXPLORE MARS FOR A RESEARCH TASK

Video with details to come for rocket and rover mission

Registration due by July 5th to your Extension
Call 918-287-4770 for more info

Summer Workshops

Workshops are for 4-H age members, not Cloverbuds EXCEPT the Cloverbud workshop. This means youth who have just completed the 3rd grade.

Leather making workshop: July 10, 1:00-3:00: Come learn to create an item with Covington leader, Sasha McReynolds.

Beginner Sewing: July 17 & 18: 9:00-3:00: This 2 day class is for those that DO NOT know how to sew. Learn the basics and create several items. MUST ATTEND BOTH DAYS. Space is limited. Youth will need to bring a lunch each day. Cost is \$20 for supplies. Must sign-up by July 10.

County Cloverbud workshop: August 2, 2:00-4:00: All Cloverbuds welcome to craft and learn with the teen leaders! Must sign-up by July 26.

State 4-H Round-up First Timers Orientation

There will be a mandatory meeting for anyone attending Round-Up for the 1st time on July 13 at 5:30. If you cannot make it, please let Jessica know.

Congratulations to the members who competed in District Food Contests!

Hannah Simic, and Sydney Prince competed in the Intermediate cupcake wars and food showdown.

Shelbi Prince and Bailey Nickels won first in the senior cupcake contest. They also placed second in the senior food showdown contest. They will be representing Garfield County at State 4-H round up.

Summer Prince and Madison Nickels placed first in the Senior veggie sculpting contest and competed in the senior Food Showdown. Great job girls!





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"Persons with disabilities who require alternative means for communication or program information or reasonable accommodation need to contact (Jessica Nickels, Extension Educator, 4-H) at (580-237-1228 or jessica.nickels@okstate.edu) at least two weeks prior to the event."

