

Electric Camp Application

4-H YOUTH DEVELOPMENT
UT EXTENSION
INSTITUTE OF AGRICULTURE
THE UNIVERSITY OF TENNESSEE



Name: _____

Age: _____ Grade: _____ School: _____

Gender: _____ Race: _____

T-Shirt Size (Adult) _____

Address: _____

City/Town: _____

Zip: _____

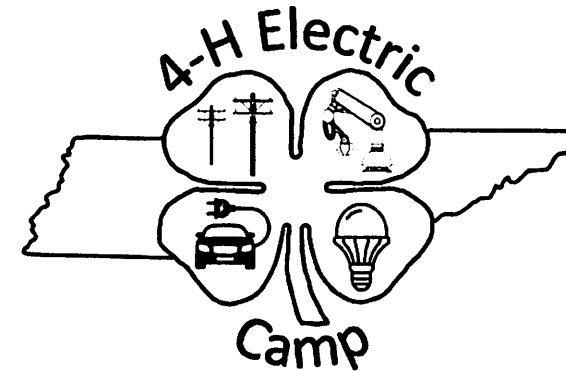
Phone: _____

**Return to the 4-H Office by April 22, 2024, with your
\$325.00**

Scholarship information on back!

**Polk County 4-H Clubs, P.O. Box 189, Benton, TN
37307**

2024 Electric Camp



“Connecting YOUTH to the Future”

Visit the 4-H Electric Camp Web site at:

<https://4h.tennessee.edu/electric-camp>

Programs in agriculture and natural resources, 4-H youth development, family and consumer sciences, and resource development. University of Tennessee Institute of Agriculture and county governments cooperating. UT Extension provides equal opportunities in programs and employment.



4-H Electric Camp

June 25th – 28th, 2024

Camp Theme:



“Connecting YOUth to the Future”

The 4-H Electric Camp will be held on the University of Tennessee, Knoxville campus. At this exciting camp, you will explore the world of energy, electricity, and other basic sciences in fun-filled, "hands-on" learning centers. This year's learning activities include:

Wiring an Extension Cord – This learning center will teach you some basic wiring techniques that are used by electricians every day. You will have the opportunity to demonstrate what you have learned by wiring up an extension cord with USB charging capabilities which you can take with you to use in your home.

Powering VOLT City – The electric power grid delivers electricity from power plants to homes and businesses across Tennessee and the nation. This learning center will teach you some basic electrical engineering principles you will need to design a power grid for a small town.

Robotics - Robots were once only seen in science fiction movies; however, today robots are used to do many tasks. In this learning center, you will see the latest robot technology and then try your hand at programming a robot to accomplish a specific task.

Flying a Drone – Drones have various purposes, such as inspecting powerlines, capturing aerial shots of crops or landscapes, or capturing stunning photos and videos. This learning center will teach you about the different types of drones, the current regulations to fly drones safely and allow you to take the controls and pilot a micro-drone.

Electric Vehicles – Many car manufacturing companies are producing electric vehicles (EVs) today. Some EVs have a battery instead of a gasoline tank and an electric motor instead of an internal combustion engine to power the vehicle. Others use a combination of gasoline and an electric motor to power the vehicle. In this learning center, you will learn about the latest technology in electric vehicles.

Electrical Safety – Electric power does a tremendous amount of work for us; but, because it is such a powerful force we must be careful around it. This learning center will teach you how to play it safe around high-voltage power lines.

4-H Electric Camp is for any 4-H member enrolled in the 6, 7, & 8th grades as of January 1, 2024

Cost: The cost to attend the 4-H Electric Camp **\$325.00**. The fee includes bus, lodging, meals, Main Event passes, activities, and take-home items. Please return your check with your registration card to your county UT Extension office.



Electric Camp Scholarships:

Scholarships are available for this camp! Through a partnership with VEC, you can apply for a scholarship that will pay 50% of your electric camp fees. Only 4 scholarships are available. Please use the lines below and write a paragraph explaining why you would like to attend Electric camp and why you would like to be considered for a scholarship. First-time attendees will be considered first for the available scholarships.

Is this your first time attending Electric Camp? Yes _____ No _____
