

# 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 21, 2023, with your  
\$325.00**

**Scholarship information on back!**

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

2023



**31 Wonderful Years of STEM  
Education**

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 26<sup>th</sup> – 29<sup>th</sup>, 2023

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, energy conservation, electrical safety and other basic sciences in fun-filled, "hands-on" learning centers. This year's learning activities include:

**USB 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 outlets which you can take with you to use in your home.

**Electric Motors** – Motors convert electricity into useful work. You will learn in this activity the different parts of an electric motor and how electromagnetism makes a motor turn. You will also put to use what you have learned as you build your own electric motor.

**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.

**Home Energy Conservation** – We use electricity to light our home, cook our food, play music, and operate televisions. But as we use more electricity in our homes, our electric bills rise. In this activity, you will learn how conserving electricity in your home not only helps to lower your electric bill but also helps to conserve our environment.

**Electric Vehicles** – Campers will learn about batteries, DC current and how DC current is used to propel electric vehicles. You will also demonstrate your driving skills by maneuvering an electric golf cart through an obstacle course.

**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.

### Other Activities:

**Swimming - Cost \$5.00**

**Trip to Dollywood**

**Swim and Dance Party**



# Camp Theme:

## "31 Wonderful Years of STEM Education"

4-H Electric Camp is for any 4-H member enrolled in the 6, 7, & 8<sup>th</sup> grades as of January 1, 2023

**Cost:** The cost to attend the 4-H Electric Camp is **\$325.00**. This fee includes your dorm room, meals, admission to Dollywood, and other recreational activities. 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 \_\_\_\_\_

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