The 4-H Electric Camp will be held July 7 – July 10, 2015, 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:

**Trouble Light** – This learning center will teach you some of the basic wiring techniques that are used by electricians every day. You will have the opportunity to demonstrate what you have learned by wiring up a trouble light which you can take with you to use in your home.

**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.

**What is STEM** – This learning center will increase your knowledge of Science, Technology, Engineering and Math (STEM) principles such as electricity, energy conservation, alternative energy sources, electronics, computer applications, robotics, electrical safety, engineering, and other basic sciences through “hands-on” learning activities.

**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.

**Solar Energy** – Renewable energy resources reduce the use of fossil fuels and negative impacts on our environment. In this activity, you will learn about how you can use the sun to power things that you use every day. Join us as you discover all about solar energy.

**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.

In addition to learning about energy, electricity and basic sciences, you will also participate in many other fun-filled activities associated with 4-H camp. This year's program highlights include:

<table>
<thead>
<tr>
<th>Tuesday, July 7</th>
<th>Wednesday, July 8</th>
<th>Thursday, July 9</th>
<th>Friday, July 10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arrival</td>
<td>Breakfast</td>
<td>Breakfast</td>
<td>Depart for home</td>
</tr>
<tr>
<td>Registration/Orientation</td>
<td>Learning Centers</td>
<td>Learning Centers</td>
<td></td>
</tr>
<tr>
<td>Swimming - Cost $5.00</td>
<td>Lunch</td>
<td>Lunch</td>
<td></td>
</tr>
<tr>
<td>Dinner</td>
<td>Trip to Dollywood</td>
<td>Swimming</td>
<td></td>
</tr>
<tr>
<td>Opening Assembly</td>
<td>Dinner at Dollywood</td>
<td>Pizza Party</td>
<td>Final Program</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Swim Party/Dance</td>
</tr>
</tbody>
</table>

Look for county information on the back of this sheet.
Hamilton County registration deadline is Friday, April 24, 2015. Registration form and payment (payable to UT Extension – Hamilton County) are required. Hamilton County 4-H is part of the state 4-H Energy Grant program. A total of fifty $100 scholarships are available to 4-H youth in participating counties. The 4-H Electric Camp scholarship must be submitted by March 27th. Both adult and teen leaders are needed at this camp, applications due April 20th. For additional information contact: UT / TSU Extension – Hamilton County, 423-855-6113, https://hamilton.tennessee.edu

Registration:
1:00 - 3:00 p.m. (EDT) Tuesday, July 7, at Reese Hall on the UT Knoxville campus.

Adjournment:
8:00 a.m. (EDT) Friday, July 10.

Attendance:
Change for 2015: 4-H Electric Camp is for any 4-H member enrolled in the 6th or 7th grades as of January 1, 2015. 4-H members who attended camp as a 6th grader are eligible to return as a 7th grader.

Cost:
The cost to attend the 4-H Electric Camp is $245.00. 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.

Transportation:
Your local 4-H agent will provide you with information as to the arrangements made for the transportation of you and others from your region to 4-H Electric Camp. Transportation to the camp is furnished by sponsors of the camp.

Health Service:
We will follow the policy and information on Form 600A. Be sure it is complete and accurate. Precautions to safeguard campers will be taken, but UT Extension cannot be responsible for accidents. Services of doctors will be available in Knoxville, if needed.

What to Bring:

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sheet and blanket or sleeping bag</td>
<td>Comfortable shoes</td>
</tr>
<tr>
<td>Towel and washcloth</td>
<td>Raincoat, umbrellas</td>
</tr>
<tr>
<td>Soap, toothpaste, etc.</td>
<td>Swim wear</td>
</tr>
<tr>
<td>Appropriate clothing (sports clothes in good</td>
<td>Work-type clothing to wear when working in your</td>
</tr>
<tr>
<td>taste will be appropriate for most of the</td>
<td>hands-on learning centers</td>
</tr>
<tr>
<td>conference. No cut offs, tank tops or short</td>
<td></td>
</tr>
<tr>
<td>shorts please!</td>
<td></td>
</tr>
</tbody>
</table>

Visit the 4-H Electric Camp Web site at: 4h.tennessee.edu/elecamp/

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.
Tennessee 4-H Electric Camp Registration Card

Name ____________________________ Grade* ____________________________

Address ____________________________ Street ____________________________
City ____________________________ Zip ____________________________

Age ____________________________ County ____________________________ Male [ ] Female [ ]

Name of Parent/Guardian ____________________________ Phone Number ____________________________

T-shirt Size ____________________________ (for example: S, M, L, XL, XXL, XXXL)

<table>
<thead>
<tr>
<th>Race – Check all that apply</th>
<th>Ethnicity – Check only one</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black [ ]</td>
<td>Hispanic [ ]</td>
</tr>
<tr>
<td>White [ ]</td>
<td>Non Hispanic [ ]</td>
</tr>
<tr>
<td>Asian [ ]</td>
<td>Pacific Islander [ ]</td>
</tr>
</tbody>
</table>

*Grade on January 1 of the current calendar year.
Tennessee 4-H Electric Camp Scholarship Application Form
(Only for Counties Enrolled in the 4-H Energy Program)

- Applications are due in the county 4-H office by March 27, 2015.
- Applications must be signed by county 4-H agents before forwarding to the state office.
- Applications are due in the state office by April 1, 2015.
- Applications should be handwritten.

Name ___________________________ □ Male □ Female
Address/City/Zip
Parent/Guardian
Home Phone ______________________ County __________
Age __________ Date of Birth ______________

Grade on January 1 of current calendar year* __________

Awarding of scholarship will be based solely on the answers to the following two questions. Please use only the space provided.

1. Why do you want to come to 4-H Electric Camp?

________________________________________________________________________
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________

Page 1 of 2
2. After 4-H Electric Camp, how will you share what you learned once you return home?

__________________________________________________________

__________________________________________________________

__________________________________________________________

__________________________________________________________

__________________________________________________________

__________________________________________________________

__________________________________________________________

__________________________________________________________

Check the appropriate boxes to describe your race and ethnicity. Information will be used solely for compliance with affirmative action programs.

Race
☐ Black
☐ White
☐ Pacific Islander
☐ Asian
☐ American Indian

Ethnicity
☐ Hispanic
☐ Non Hispanic

Signed
_____ Applicant

Signed
_____ County 4-H Extension agent working with youth

Date

Date

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