



**Enroll in ZSuite Under this Project Name:** TECS-ELECTRICITY-Lv 3: Wired for Power

*Approved for 2024-25 Project Year*

**Project Description:** Build on skills learned in levels 1 and 2, plus learn how to measure electrical usage, replace switches, and determine electrical loads. Youth will also evaluate different light bulbs and test for electrical power.

**REQUIRED YOUTH CURRICULUM**

[Electric 3: Wired for Power](#) (#06850), 2002

[ZSuite 4-H Involvement Report](#)

[ZSuite 4-H Project Record Book](#)

**REQUIRED VOLUNTEER CLUB LEADER CURRICULUM**

[Electric Group Helpers Guide](#) (#06852), 2002

**SUPPLEMENTAL RESOURCES**

none



**PROJECT COMPLETION CHECKLIST**

STATE REQUIREMENTS	
	Complete at least 3 required activities and 4 optional activities in your Wired for Power project manual each year.
	Complete at least 21 total required and optional activities in three years or less to complete this achievement program.
	Participation in at least two Leadership experiences a year.
	Have your electric helper date and initial the activities as you complete them.
	Complete the 4-H Project Record Book for this project in your ZSuite Member Account
	Fill out your 4-H Involvement Report in your ZSuite Member Account
	Give an oral presentation (speech, demonstration, or illustrated talk) to your 4-H peers on a topic related to this project. Recommended guidelines for length of oral presentations are: <ul style="list-style-type: none"> <li>• Junior: 5-8 minutes</li> <li>• Intermediate: 8-10 minutes</li> <li>• Senior: 10-12 minutes</li> </ul>

ADDITIONAL LOCAL REQUIREMENTS	

FAIR EXHIBIT CHECKLIST	
	Completed Idaho 4-H Involvement Report (ZSuite)
	Completed Idaho 4-H Project Record Book for this project (ZSuite)
	Wired for Power Member Manual
	ONE of the following exhibit options: <ul style="list-style-type: none"> <li>• A poster (14"x22") or display</li> <li>• illustrating something you learned in this project this year.</li> <li>• A scrapbook of pictures of a Leadership activity or circuits made or being tested.</li> <li>• One of the following items (each year it should be a different item):               <ul style="list-style-type: none"> <li>○ Electrical tool and supply kit</li> <li>○ Display of wiring/cabling symbols and their meanings</li> <li>○ Display of light bulbs and the jobs they do best</li> <li>○ Poster on how to read an</li> <li>○ appliance nametag</li> <li>○ Chart showing the electrical usage of appliances.</li> <li>○ Poster on how to replace a switch</li> </ul> </li> </ul>
	Note: Exhibits must utilize only skills, tools, and techniques taught in this project book or previous level.

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