

**ELECTRIC CHECKLIST Level 5 (5th year or more in Electric)****Required for Exhibit**

- _____ Fill out Indiana 4-H Club General Record Sheet(4-H528) and turn in to club leader for his or her signature.
- _____ Create your fair exhibit according to the Indiana 4-H Electric Exhibit Guidelines. A completed copy of the “Exhibit Skills & Knowledge Sheet” must accompany the project.

Resources for Level 5 can be found at the Indiana state website at:

<https://extension.purdue.edu/4-H/projects/4-h-project-electric.html>

Under Project Resources select Level 5 Project Sheets and click on one of the following:

- Basic Electrical Tool Set
- Lamp Construction
- Voltage Meter Basics
- Wire Cable Basics
- Wire Connectors
- 3 and 4 Way Switches
- Duplex Receptacles
- Careers in Electric
- Clamp on Ampere Meter
- Dissect, Discover, Display
- Electrical Conduit
- Generator Interlocking Circuit Breaker Kit
- Looking for Voltage
- Taking the Mystery Out of Three-Phase
- General Project Ideas and Suggestions
- Size, Service, and Feeder

Under other

- Video: Making a 4-H Poster
- Level I Circuit Board Template
- Level II ShakeLight Instructions
- List of Nationally Recognized Testing Laboratories
- Advanced Electric Online Course
- Wiring A House by Rex Cauldwell: ISBN 978-1-62710-674-0
- Ultimate Guide Wiring by Creative Homeowner: ISBN 978-1-58011-787-6
- Black & Decker The Complete Guide to Wiring: ISBN 978-0-7603-5357-8

Resources available in Extension Office

Electricity Excitement - Electric Level 1 manual, Investigating Electricity - Electric Level 2 manual. Wired For Power —Electric Level 3 manual, Entering Electronics—Electric Level 4 & 5 manual

*Circuit Board Kit, *Shaker Light Kit, *Extension Cord Kit, *Trouble Light Kit, *Poster Foam Board, *Poster Sleeve, www.extension.purdue.edu/elkhart

*Items available for sale; contact Extension Office for current prices

Revised 10/2023

Purdue University prohibits discrimination against any member of the University community on the basis of race, religion, color, sex, age, national origin or ancestry, genetic information, marital status, parental status, sexual orientation, gender identity and expression, disability, or status as a veteran.