



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

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