

**ELECTRIC CHECKLIST Level 1 (1<sup>st</sup> year 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 1 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 1 Project Sheets and click on one of the following:

- Circuit Board
- Circuit Board w/DPDT Switch
- Voltage Meter Basics
- Wire Cable Basics
- Wire Connectors

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](http://www.extension.purdue.edu/elkhart)

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

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