



# Electricity

## Starter Guide.



**Overview:** <https://co4h.colostate.edu/projects/pages/Electricity-PT.pdf>

This project educates on the basic knowledge of electricity. You must complete an electricity display board, or a standalone according to state fair requirements along with a completed record book.



### Requirements:

<https://co4h.colostate.edu/projects/erecords/electrice-record.pdf>

(Attend 2 projects meeting)

Record book in a 3-ring folder will need to accompany your project.

Follow these guidelines to create a display board for the state fair.

**SHAPE**  
Design your exhibit so information fits on the display. Remember, you have 1 large surface, and 2 smaller side wings.

**SPACE**  
Your display should only discuss one main topic. This will help it look neat and uncrowded.

**ATTACHMENTS**  
Make sure pictures and objects are securely attached to the board. Use glue for pictures and paper, and consider wires, zip ties, or staples to attach bulkier items. Do not attach items that are so heavy that your board can't stand or fold.

**TEXT**  
Make sure that all the text on your display is easy to read. Use a large font for the title, and smaller fonts for the headings and body text. Text must be readable from 3-5 feet away. Use large bold letters. Dark letters on a light background works best.

**SIZE**  
Display boards for the state fair must measure 4 ft. wide x 3 ft. tall. They should be made of lightweight cardboard, but not poster board. Pre-cut boards are available at most craft and shopping centers. No part of your display may extend beyond these boundaries.

### Project Areas

- Magic of Electricity
- Investigating Electricity
- Wired for Power
- Entering Electronics – Advanced



### Cost of this Project:

Manuals can be purchased at SLV Extension or Shop 4-H for \$5.75

Materials can cost-

Boards: \$8-10 (Walmart/Amazon)

Standalone-\$20-\$50

<https://co4h.colostate.edu/statefair/StateFairExhibitReq.pdf>

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