



All About Discovery![™]
College of Agricultural, Consumer
and Environmental Sciences
Cooperative Extension Service
Extension 4-H Youth Development

Engineering Science



NM 4-H Electricity 3 Greentop

400.E-103 R-18



Objectives: To develop knowledge and skills about basic electrical tools and supplies, electrical energy usage, service entry panels, appliance nameplates, and electric switches and receptacles. You will also learn planning, organizing, comparing and measuring, making decisions, communication skills, and problem solving.

Materials Included in this project

- Electricity 3—Wired for Power Project Book
- Record Form 300.A-7 (R-18)
- Electricity 3—Wired for Power Greentop

Suggested tips for successful project completion.

- Review the project book, record sheet and greentop before preparing speeches, workshops or demonstration.
- Make a check list to complete as you work this project.
- Participate in county, state and regional fairs.
- Enter project materials or demonstrations in the county, district or state contests.
- Attend project days to listen to experts in the field.
- For the completion of the project, complete the record sheet and project book and turn in a county record book to your local Extension Agent

Suggested Activities

- Give demonstrations about the different types of electrical switches and receptacles.
- Exhibit posters with parts and functions of an appliance label, and how to read its information at the county, regional or state fair.
- Give a prepared speech or demonstration about how to replace a wall switch to your club or school.
- Help others prepare a speech or demonstration about electricity.

Additional info can be found from:

- County Extension Agent
- Your 4-H Club or Project Leader
- Local Electric Company
- Local Electricians
- Library
- Internet

Greeman, 2005; Revised 2018