



## NM 4-H Electricity 2 Greentop

400.E-101 R-18



### Suggested Activities

- Construct circuit boards, switches, and a battery alarm
- Give demonstrations about the different types of electrical switches.
- Exhibit posters with parts and functions of a voltage meter at the county, regional or state fair.
- Give a prepared speech or demonstration about electrical safety to your club or school.
- Attend events to listen to experts in the field.
- Help others prepare a speech or demonstration about electricity.

### Objectives:

To develop knowledge and skills about electrical currents, insulators and conductors, using voltage meters, reading electrical diagrams, and building switches. You will also learn planning, organizing, comparing and measuring, making decisions, communication skills, and problem solving.

### Materials Included in this project:

- Electricity 2—Investigating Electricity Project Book
- Record Form 300.A-7 (R-18)
- Electricity 2—Investigating Electricity 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.
- 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.

### 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