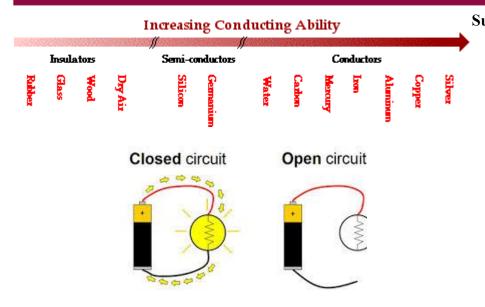


## Engineering Science

## NM 4-H Electricity 1 Greentop



**Objectives**: To develop knowledge and skills about the uses of electricity, conductors of electricity, circuits, and magnetic poles and properties. You will also learn planning, organizing, comparing and measuring, making decisions, communication skills, and problem solving.

### Materials Included in this project

- Electricity 1—The Magic of Electricity Project Book
- Record Form 300.A-7 (R-18)
- Electricity 1—The Magic of Electricity Greentop 400.E-101(R-18)

### Suggested tips for successful project completion.

- Review the project book, record sheet, and Greentop to become familiar with the project before beginning.
- Make a check list of things to complete as you work through the project.
- Participate in county, state, and regional fairs.
- Enter project materials or demonstrations in the county, district, and state contest.
- For completion of the project, complete the record sheet and turn in a county record book to your local Extension Agent.

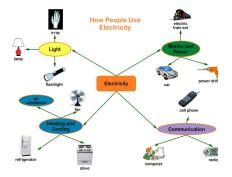
## Suggested Activities

400.E-101 R-18

- Give demonstrations about the different uses of electricity.
- Exhibit posters with parts and functions of electrical circuits at the county, regional or state fair.
- Give a prepared speech or demonstration about electrical safety 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

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