



New Mexico 4-H Greentop Project Guide



New Mexico 4-H Is A Program of New Mexico State University's Cooperative Extension Service

400.E-101
(N 05)

ELECTRICITY 1- THE MAGIC OF ELECTRICITY

Objective: *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 THAT ARE INCLUDED WITH THIS PROJECT:

- Electricity 1, The Magic of Electricity
- Record Form
- Electricity 1, The Magic of Electricity Greentop

What do I do with my electricity project materials and information?

SUGGESTED STEPS FOR COMPLETING THE ELECTRICITY PROJECT WITH SUCCESS:

- Review the project book, record sheet, and greentop to become familiar with the project before preparing or giving speeches, workshops, or demonstrations.
- Make a check list of things to complete as you work through the project.
- Attend all electricity project meetings to learn more about your project.
- Participate in county, state, and regional fairs.
- Enter project materials or demonstrations in the county, district, and state contests.
- For completion of the project, complete the record sheet and turn in a county record book to your local Extension Agent.

SUGGESTED LEARNING ACTIVITIES:

- Complete required activities as listed in the project book.
- Attend project days or events to listen to featured experts in the field, or to work on your project with others.

New Mexico State University if and equal opportunity/affirmative action employer and educator.
NMSU and the U.S. Department of Agriculture cooperating.

WHAT YOU CAN DO:

- Give demonstrations or illustrated talks 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.

WHERE YOU CAN GO FOR ADDITIONAL INFORMATION:

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

ADDITIONAL PROJECTS YOU CAN DO NEXT YEAR THAT WOULD RELATE THE ELECTRICITY PROJECT:

- Citizenship.....help others prepare a speech or demonstration about electrical circuits
- Leadership.....give a demonstration about electrical safety
- Small Engines.....learn about electrical currents as related to power in small engines