## Projects & Materials

### Magic of Electricity, Grades 6-8

#### Youth Materials:
- National 4-H Curriculum
  *Magic of Electricity, Level 1 (#08648)*
- 4-H Involvement Report (#91910)
- 4-H Project Record Book (#91950)

#### Volunteer Materials:
- National 4-H Curriculum
  *Electricity Excitement, Helper’s Guide (#06852)*

### Requirements

In the member’s current Manual:
- Complete at least 3 required activities and 4 optional activities each year.
- Complete at least 21 total required and optional activities in three years or less to complete this achievement program.
- Participation in at least two Leadership experiences a year.
- Have your electric helper date and initial the activities as you complete them.
- Give an oral presentation (speech, demonstration or illustrated talk) related to this project.

Complete the following:
- 4-H Involvement Report (#91910)
- 4-H Project Record Book (#91950)

### Exhibit Requirements

- 4-H Project Record Book (#91950)
- 4-H Involvement Report (#91910)
- Member Guide (this is a 3 year project make a delineation of what items are completed each year)

**AND**

Exhibit should be related to one of the focus activity areas in your member manual. Ideas for an exhibit include the following:
- A poster (14”x22”) or display illustrating something you learned in this project this year.
- A scrapbook of pictures of a Leadership activity or circuits made or being tested.
- One of the following items (each year it should be a different item):
  - Homemade Flashlight
  - Simple Switch
  - Circuit with two batteries and one light bulb
  - Compass
  - Electromagnet
  - Galvanometer
  - Electric Motor

**Note:** Exhibits must utilize only skills, tools, and techniques taught in this project book.

## County Requirements:

Check with your County Extension office for more information.

## Supporting Materials

To order materials from National 4-H Council visit:
http://www.4-hmall.org/Category/4-hcurriculum-electric.aspx

Idaho 4-H Electric Power page: https://www.uidaho.edu/extension/4h/projects/electric-power