

## **531 Science Fun With Electricity**

### **Project Description**

This beginning electricity project book includes 11 kid-friendly and time-tested experiments about static electricity, currents, electromagnetism, electric motors, and electric light. Each experiment has a brief introduction, a supply list, and step-by-step instructions that bring an electrical concept to life.

### **To Complete the Project**

1. Complete the planning section on page 5 in the project book.
2. Explore each of the project interest areas.
3. Complete the experiments for each interest area selected along with journal entries. Digging Deeper activities are optional.
4. When doing the fruit-powered battery and DC motor experiments, try out ways to improve their basic designs.
5. Complete the project summary section in the back of the project book.
6. Take part in at least 2 project activities.
7. Become involved in at least 2 leadership/citizenship activities.
8. Take part in 4-H project judging. If you choose not to participate in judging, plan to discuss and review completion of your project with your 4-H Advisor.

### **Judging of this Project**

Interview judging for this project will be on Non-Livestock judging day at the Jr. Fair building. Please refer to the 4-H calendar for judging dates.

\*Requirements for Judging:

1. Completed project book.
2. Display of something learned in the project.

### **Project Display**

Prepare a display that shows the judge and fair visitors what you learned and accomplished in your project. For example, something you made, visuals or other items used to complete project activities, or a poster to share learned information.

**Your project book cannot serve as your project display.**

### **Display Areas**

At the Wood County Fair, your 4-H project will be displayed in the Wood County Jr. Fair building in your 4-H Club assigned booth.

### **Project Pick-Up**

You must pick up your project display at the end of the fair or arrange for someone to get it for you. Please refer to the Wood County Fair book or the 4-H Newsletter for project release times.

Projects not picked up by 3:00 p.m. on the last day of the fair will be disposed of.

**\*Ohio State Fair Project**

