

# **JUNIOR ELECTRICITY - DEPARTMENT 123**

**JUDGING DAY: FRIDAY of Pre-Fair Judging Week, 12:00 Noon - 6:00 PM**

Current Walworth County Fair overall Rules & Regulations apply and are at: [walworthcountyfairgrounds.com](http://walworthcountyfairgrounds.com).

## **RULES GOVERNING ELECTRICITY EXHIBITS**

1. Champion & Reserve Champion Awards will be given per judges' discretion per department, division, or class.
2. Age classification is based on your age as of January 1 of the current year.
3. Exhibits may be battery-powered projects using battery components or wired for electricity.
4. Any exhibit using paper clips, cardboard, thumbtacks, and brads will be disqualified.

**PREMIUMS: 1<sup>st</sup> - \$2.25 2<sup>nd</sup> - \$2.00 3<sup>rd</sup> - \$1.75 4<sup>th</sup> - \$1.50**

## **Division Letter:**

- A. Electricity, Age 8-11**
- B. Electricity, Age 12-14**
- C. Electricity, Age 15 & up**

## **Class #:**

1. Construct a switch (simple, 3 way or 4 way), electromagnet, galvanometer, or electric motor. Attach an explanation on how it works and how it is used.
2. Create a binder detailing electricity related experiments including results and principles. Division A minimum of 3 examples, Division B minimum of 4, Division C minimum of 6
3. Poster or display showing types of cords, wires, cables, fuses, or light bulbs. Include explanation of proper and/or best use for each.
4. Make a homemade lamp or lighting unit (trouble light, test lamp, table lamp, etc.)
5. Construct a piece of electrical equipment other than an extension cord or lighting unit.