

## 2009 4-H Electricity Project Exhibit Recommendations

**Electricity I, Magic of Electricity-** (May only be battery-powered projects using battery components and wiring). Projects using paper clips, cardboard, thumbtacks, & brads are not eligible for state fair exhibits.

Exhibit a momentary switch, simple switch, or basic circuit **OR** an Electromagnet **OR** a Galvanometer **OR** an Electric motor. All projects must include a report explaining how the project was constructed and the principles demonstrated.

**Electricity II, Investigating Electricity** - (May only be battery-powered projects using battery components and wiring) Projects using paper clips, cardboard, thumbtacks, & brads are not eligible for state fair exhibits.

Exhibit a Circuit board demonstrating parallel and series switches, including a circuit diagram **OR** 3-way or 4-way switch circuit using DC/battery **OR** Basic electrical device (examples: Rocket launcher, burglar alarm, etc). All projects must include a report explaining how the project was constructed and the principles demonstrated.

**No changes for Electricity III, Wired for Power or Clover Challenge classes.**