

SECTION 4311 - 4-H ELECTRIC EXHIBIT

- All exhibits must illustrate applications and utilize electrical energy. The exhibit must have been constructed by the exhibitor during the year exhibited and must meet electrical safety standards.
 - All exhibits, except lamps, will be judged on electrical wiring and connections, electrical components, usefulness of exhibit, working condition, complexity and design, appearance, originality, workmanship and safety. Lamps will be judged as described for each class.
 - A 4-H member can have only one (1) exhibit in each class. Exhibits should be permanently signed and dated on the bottom or in another inconspicuous location. If not marked, judges may mark or punch.
 - **Awards:** Ribbons will be placed to top 10 in each class
-
- **Electrical projects (Grades 3-7)** - Entries to include electromagnets, motors, buzzers and direct current circuit boards
1. **Kit Lamps (Kit Construction)-(all grades)** - Electrical wiring and connections, light source, and suitability as a reading lamp will be judged. Lamps can be floor, desk, or wall models.
 2. **Original Lamps - (all grades)** - Originality, workmanship, electrical wiring and connections, light source, and suitability as a reading lamp will be judged. Lamps can be floor, desk, or wall models. (No kits.)
 3. **Educational poster on careers in the electrical field – (all grades)** – Poster must be 14” x 22”
 4. **Electric and Electronic Circuits - (Grades 3-7)** - The exhibit should be mounted on a board and clearly show all circuits. The exhibit should be operational and demonstrate a useful principle or be functional. The exhibit should include an explanation of the principal being demonstrated.
 5. **Electric and Electronic Circuits - (Grades 8-12)** - The exhibit should be mounted on a board and clearly show all circuits. The exhibit should be operational and demonstrate a useful principle or be functional. The exhibit should include an explanation of the principal being demonstrated.
 6. **Exhibit - (Grades 3-7)** - Exhibit demonstrating skill or knowledge such as wire sizing; proper wiring of an electrical cord plug, wall outlet, wall switch, 3-way switch, etc. The exhibit should include an explanation of the principal being demonstrated.
 7. **Exhibit - (Grades 8-12)** - Exhibit of wiring diagram for a home, other building, or electric supply system for a community.
 8. **Electric Concepts Poster – (Grades 3-7)** – Poster (14” x 22”) Exhibit showing a basic electric concept or explaining the proper use of electricity in modern life.
 9. **Electronics/Lighting Selection Poster - (Grades 8-12)** - Poster (14” x 22”). Exhibit is on information that consumers might use in making a selection of any electronic devices such as computers, games, telephones, lighting fixtures, bulbs or other electronic device.

