

# 4-H Electric

## Extension Cord & Trouble Light Judging Sheet

Name: \_\_\_\_\_ County: \_\_\_\_\_

Project Description: \_\_\_\_\_ Ribbon Placing: \_\_\_\_\_

### ITEM

### COMMENTS

#### NOTE ATTACHED

- Explaining intended use

#### CORD

- U.L. approved (or other listed product approved)
- Correct size for intended use
- Correct insulation type
- Adequate length

#### PLUG (CAP)/CONNECTOR BODY

- U.L. approved (or other listed product approved)
- Proper size – for wire used
- Wire around screw head or under terminal correctly
- Insulation up to screw head / terminal
- All bare wire under screw head or terminal
- Strain relief used
- No damage to insulation or conductor

#### TROUBLE LIGHT SOCKET

- Handle and socket proper material
- Bulb – shatter resistant and correct wattage
- Convenience outlet wired correctly
- All bare wire under connector / terminal
- Insulation up to screw head / terminal
- Strain relief used
- No damage to insulation or conductor

#### EXHIBIT

- Neatly displayed
- "What I Have Learned" worksheet included (if required)

#### ACCOMPLISHED SKILLS

- Research/planning
- Electrical techniques/principles
- Understanding polarization
- Recognizing potential hazards