

JUNIOR FAIR ELECTRICITY

Department 23 – Superintendent – Ed Zahn – 920-682-8433

1. Judging Day (Individual Conference Judging) – **Monday, August 22**, as follows: 10am to 2pm and 2:30pm to 6pm.
2. Release Day – **Sunday, August 28**, between **6:30pm and 8:30pm**.
3. No changes will be allowed after registration forms are submitted.
4. All posters must be 14"x22".
5. Limit of four (4) entries per Exhibitor.
6. Entry classes are open to 4-H members enrolled in the Electricity project or other youth groups doing equivalent work.
7. Articles eligible for entry must have been made during this past year.

CLASS A: MAGIC OF ELECTRICITY – Grades 3-5

Premiums for Lot Numbers 100-105 are as Follows:

Blue Ribbon - \$1.75 Red Ribbon - \$1.50 White Ribbon - \$1.25 Pink Ribbon - \$1.00

Lot Numbers:

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|----------------------------|---|
| 100. Circuit board. | 104. Electric question board. |
| 101. Homemade Buzzer. | 105. Any other low voltage or magnetic device. Identify on registration form. |
| 102. Model electric motor. | |
| 103. Scrap of experiments. | |

CLASS B: INVESTING ELECTRICITY – Grades 6-7

Premiums for Lot Numbers 106-113 are as Follows:

Blue Ribbon - \$2.00 Red Ribbon - \$1.75 White Ribbon - \$1.50 Pink Ribbon - \$1.25

Lot Numbers:

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|---|---|
| 106. Display showing types of fuses. | 110. Trouble light. |
| 107. Display of electric cords, wires, or cables. | 111. Light-duty extension cord. |
| 108. Test lamp. | 112. Heavy-duty extension cord. |
| 109. Demonstration board with 3-way and 4-way switches. | 113. Any other piece of homemade electrical equipment, identified on tag. |

CLASS C: WIRED FOR POWER – Grades 8-9

Premiums for Lot Numbers 114-118 are as Follows:

Blue Ribbon - \$2.25 Red Ribbon - \$2.00 White Ribbon - \$1.75 Pink Ribbon - \$1.50

Lot Numbers:

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|---|--------------------------------------|
| 114. Display of bulbs, tubes, or light equipment. | 116. Table or wall study lamp. |
| 115. Plans of photographs showing lighting improvements made at home. | 117. Homemade lamp or lighting unit. |
| | 118. Lighting poster or chart. |

CLASS D: ENTERING ELECTRONICS – Grades 10-13

Premiums for Lot Numbers 119-129 are as Follows:

Blue Ribbon - \$2.50 Red Ribbon - \$2.25 White Ribbon - \$2.00 Pink Ribbon - \$1.50

Lot Numbers:

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|---|---|
| 119. Display showing motor types, operation, or maintenance. | 126. Diagram or photographs with description of electrical improvements made at home. |
| 120. Wiring layout of your home or other building. | 127. Diagram or photographs of electrical or electronic equipment installed at home. |
| 121. Any piece of homemade electrical equipment. | 128. Display related to home appliances, wattage use, and conservation practices. |
| 122. Display related to steam power. | 129. Any other display related to this unit. |
| 123. Display or plan of an electrical control system. | |
| 124. Any piece of homemade solar equipment. | |
| 125. Diagram of an electric meter with description of parts and their purposes. | |