

JUNIOR FAIR ELECTRICITY

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

1. Judging Day (Individual Conference Judging) – **Monday, August 23**, as follows: 10am to 2pm and 2:30pm to 6pm.
2. Release Day – **Sunday, August 29**, between 7pm and 9pm.
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. | |