

DEPARTMENT 110 – YOUTH AGRICULTURAL ENGINEERING

Superintendent – Walt Sutliff (747-9182)

Judging on Saturday, August 22nd @ 9:00 am – 3:00 pm

Rules & Regulations:

1. **Two (2) entries** may be exhibited in each class, except in Section 4, Class 1, where more may be presented but each one must demonstrate a different skill.

SECTION 1 – WOODWORKING

Any article made in a Woodworking project such as bootjack, toolbox, birdhouse, bookends, signboards, etc. These items should be functional and work for their intended use. Articles should not have saw marks. Please only exhibit items with proper finishes on them.

Class No.

1. **Hand Tool Division**, Article cut out, assembled & finished using hand tools only.
2. **Power Tool Division**, Article partially or totally completed with power tools.
3. **Kit Division**, Article made from materials pre cut by other than exhibitor.

SECTION 2 – REFINISHING & FINISHING

Class No.

1. **A piece of Furniture or Accessory**, with a natural or painted finish done by exhibitor such as: a chair, table, chest, bookcase, etc. Finished or refinished by exhibitor. Accompanied by statement (a) history of article; (b) method of refinishing and/or finishing; (c) products used; and (d) where the finished item will be used.

SECTION 3 – ELECTRIC

Class No.

1. **An article made in an Electric Project**, such as a trouble light, rewired lamp, portable bench light, pinup lamp, etc. Original work will receive special attention; kits will be judged as such.

SECTION 4 – ELECTRONICS

Class No.

1. **An article made in an Electric Project**, utilizing principles and construction procedures relating to electronics are acceptable. These projects will be judged on the basis of soldering & connection techniques, neatness of assembly, & other assembly procedures for electronic projects. All projects must be hand wired and no breadboard kits will be accepted. The project must be operable & contain all necessary batteries.

SECTION 5 – HANDYMAN

Class No.

1. **Any Handyman Article**, made for use in any other youth project or program. (Includes horse accessories, metal work, etc.)
2. **Model Rocket**, (No Engine) from kit.
3. **Model Rocket**, (No Engine) no kit
4. **Model Hot Air Balloon**

SECTION 6 – AGRICULTURAL RELATED DIORAMA

Judging on Monday, August 24th @ 2:00pm

Set up Times: Saturday, August 22nd & Sunday, August 23rd (9am-3pm); Monday, August 24th (10am-1:30pm)

Must be in place in the Farm Toy Building (Bldg. #30) by Monday, August 24th @ 1:30pm.

Youth must be present for judging; tentative schedule will be posted. Max. 2'x4', must be mounted on a firm base.

Each youth should be able to explain the diorama's theme at the judging. On a card, please give a title & brief description of your project that can be read by fairgoers. Limit one (1) entry per class.

Class No.

1. **Agriculture Related Diorama**, exhibitors 8 & under.
 2. **Agriculture Related Diorama**, exhibitors 9 – 11 years.
 3. **Agriculture Related Diorama**, exhibitors 12 – 19 years.
 4. **Agriculture Related Diorama**, group class – 2 or more individuals. **Each person should complete an entry form & must also be present for judging to explain their role.**
- **Special Award in each class for best verbal explanation of diorama.**
 - **Special Award for each class for creativity.**