

## DEPT. : YOUTH AGRICULTURAL ENGINEERING

### SECTION: WOODWORKING

<b>Rules &amp; Regulations</b>	Any article made in a Woodworking project such as bootjack, toolbox, birdhouse, bookends, signboards, etc. These items should be functional & work as their intended purpose/ Articles should not have saw marks. Please exhibit items with proper finishes on them.
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#### CLASSES:

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

### SECTION: REFINISHING & FINISHING

#### CLASS:

- 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. Article should be accompanied by a statement including (a) history of piece; (b) method of refinishing/finishing; (c) products used; and (d) where the finished piece will be used.

### SECTION: ELECTRIC

#### CLASS:

- 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: ELECTRONICS:

#### CLASS:

- An article made in an Electric Project**—utilizing principles & 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: HANDYMAN

#### CLASSES:

- Any Handyman Article**—made for use in any other Youth Project/Program. Includes horse accessories, metal work, etc.
- Model Rocket—from Kit**—No Engine
- Model Rocket—no kit**—No Engine
- Model Hot Air Balloon**

**DEPT: YOUTH AGRICULTURAL ENGINEERING cont.**

**SECTION: AGRICULTURAL RELATED DIORAMA**

<b>Superintendents</b>	Linda Germain 518-695-9252 Ann Williams
<b>Entry Fee</b>	NO entry fee.
<b>Day &amp; Time</b>	Judging on <b>Saturday Before Fair @ 9am—3pm in the Toy Building</b>
<b>Limits</b>	Limit of one (1) entry per class.
<b>Rules &amp; Regulations</b>	<ol style="list-style-type: none"><li>1. Youth <b>MUST BE</b> present for face to face judging in the Toy /Farm Building.</li><li>2. Judging will be done at the time the diorama is setup.</li><li>3. <b>Maximum dimensions 2" x 3'6"</b>. Must be mounted or displayed on a firm base. No higher than 15".</li><li>4. Each youth should be able to explain the diorama's theme at judging.</li><li>5. Exhibit must include a brief description of the project and can be read by fairgoers.</li></ol>

**CLASSES:**

- Ag. Related Diorama**—exhibitors 5yrs—8 yrs. of age
- Ag. Related Diorama**—exhibitors 9yrs—11yrs of age
- Ag. Related Diorama**—exhibitors 12yrs—18yrs of age
- Ag. Related Diorama GROUP Class**— 2 or more individuals. Each person in the group should complete an entry form & **MUST** also be present for judging to explain their role.

**Awards will be given in the Following Areas:**

Special Award in each class for the Best Verbal Explanation of Diorama  
Special Award in each class for Creativity  
Best of Show Ribbon for each Age Group

**DEPT: YOUTH FORESTRY & CONSERVATION**

<b>Superintendent</b>	Walt Sutliff 518-747-9182
<b>Entry Fee</b>	NO entry fee.
<b>Day &amp; Time</b>	Judging on <b>Saturday Before Fair @ 9am—3pm in Youth Building</b>
<b>Limits</b>	Limit of one (1) entry per class.

**SECTION: FORESTRY & CONSERVATION—Information available at the 4—H Office 518-746-2560**

**CLASSES:**

- Fungi Identification**—mounted collection of 10 different varieties of Fungi, identified & labeled by Exhibitor. (Info. available in 4-H Fun with Fungi project material)
- Insect Identification**—mounted collection of 10 or more insects caught, identified, & labeled by exhibitor (Info. available in 4—H Entomology project material)
- Tree or Plant Identification**—mounted collection of 10 species of plants or trees common to Washington County (Info. available at 4-H Office)
- Wood Identification**—exhibit of mounted specimens of wood of at least 10 trees in Washington County. This may be exhibited as a group or individual exhibit. Please specify on entry form. (Info. Available in 4-H Know your Wood project material)