



Sunday, September 3, 2023 – Ag Mechanics Show

WOOD CONSTRUCTION:

Awards

Online Early Entries Encouraged!

- Grand Champion Overall: Award Banner
- Reserve Grand Champion: Award Banner
- 1st place, 2nd place and 3rd place ribbons awarded per class (Elementary, Jr High/Middle School, & High School)

Elementary Grades

- Construct a “Bird House” out of wood.
- Size Limit: No larger than 12 in wide, 12 in long and 14 in tall
- Main structure must be made with wood. Other items may be added for decorative purposes.

Jr. High / Middle School Grades

- Construct a “Raised Planter” out of wood.
- Size Limit: No larger than 4 ft long
- Main structure must be made with wood. Other items may be added for decorative purposes.

High School Grades

- Construct a “Bench with a Back” out of wood.
- Size Limit: No larger than 4 ft long
- Main structure must be made with wood. Other items may be added for decorative purposes.

Details and Rules:

- Entry Fee: \$20 per entry
- Check in starts at 9:00am & ends at 11:30am
- Judging will begin at Noon.

Rules

- The Ag Mechanics Project Show is open to all youth exhibitors in the state of Texas provided they meet all other eligibility requirements as stated in the general rules.
- **Ownership/Construction:** Projects may be either individually or group constructed and owned. All group projects must include all the names of the exhibitors who participated in planning and construction of the project. ALL entries must be submitted on an official entry form and include the owner/builder and planner.
- **Exhibit Space:** Projects will be displayed in the covered barn Livestock Barn. Placement of projects will be at the discretion of the show officials.
- **Types of Projects:** ALL projects will be constructed in wood. Each age group will have a specific type of project to build. Any project that does not fit into one of the stated classes will be disqualified. Projects must be classified in one of the following divisions and classes. (The Ag Mechanics Committee reserves the right to reclassify any project.)
 - **Division 1: Birdhouse –**
 - Division 1 will be for Elementary aged students. They will have to build a birdhouse within the dimensions of 12”X12”, and no taller than 14 inches.
 - Project must be finished.
 - **Division 2: Raised Planter –**
 - Division 2 will be for Middle school aged students. They will have to build a raised planter for flowers or plants within the dimensions of being no longer than 4 feet long and 4 feet tall.
 - Project must be finished.
 - **Division 3: Bench –**
 - Division 3 will be for High School aged students. They will have to build a bench with back. No longer than 5 feet long.

- Project must be finished.
 - **Project Completeness:** All projects should be complete including finish. No paint or other finish may be applied after arrival on show grounds. Projects are to be clean, free of dust and debris, and in a presentable condition even though they may have been used. The project display area around and under the project must be neat.
 - **Plans, Bills of Materials, Photographs:** Exhibitors should provide an original, exhibitor drawn plan, photographs showing stages of production, Child Knowledge: Exhibitors may be asked questions concerning, but not limited to, project construction, design, use, operation, etc. Exhibitors may be asked to demonstrate all or part of the project operation.
- **Judging System for Three Divisions:**
 - Criteria Points
 - Workmanship..... 30
 - Design and Materials used..... 20
 - General Appearance and Finish..... 20
 - Documentation.....20
 - Presentation 10

CUTTING TORCH CONTEST:

Details and Rules:

- Age Groups:
 - Age 12 and under
 - Age 13 though 18
 - Adult 19 and older
- Entry Fee: \$20 per entry
 - Pay your own entry fee to join
 - OR pay \$20 to nominate a friend to be in the contest. If they don't want to be in the contest, they must pay \$20 to buy themselves out of the contest.
- Sign up deadline by 1:30 pm
- Showtime 2 pm

Contest Format:

- Individuals participating in the contest will be paired by a drawing that will randomly place participants in a bracket that will remain the same for the entire contest. Irregular numbers or individuals may require the bracket to include some "bye" slots be added to complete the bracket.
- In each round individuals will light their own torch, adjust to a neutral flame, and make the cut required I that round. Regulators will be preset by contest officials. The student whose metal falls to the ground first advances to the next round and the other individual will be eliminated. Any attempt to force the cut to fall by any action other than gravity (tapping with the torch tip, jarring the table, forcing with the hand, etc.) will result in that student being disqualified.

Safety:

- Safety equipment will be provided. Students choosing to use their own may do so. Two high cuff gloves, safety glasses and a face shield must be worn while cutting. Eyewear must meet minimum Z87 standards. Students will be responsible for appropriate clothing.

Equipment Issues:

- If judges determine that a tip is dirty, both tips will be cleaned by contest officials prior to the next round. Equipment malfunctions that cause an unfair advantage to one contestant may result in a "re-ride" if the judges deem it appropriate.
- Metal to be cut will be provide by the contest. Preliminary rounds will cut flat metal, approximately 4 in wide and approximately 3/8 thick. As the contest progresses contestants will be expected to make cuts on pipe, angle iron, channel iron, etc. Piercing cuts may be required in later rounds. At no point will metal to be cut exceed 1/2 in.

- Prior to making their cuts individuals will be permitted to arrange metal, loses and strikers on their worktable for their own comfort. Judges will announce “go” to begin cutting in each round. Cut lines will be pre-marked by the judges.
- If during the contest a student is called for and is not present for his turn he will be eliminated and his competitor, I that round will advance. Every effort will be made to accommodate students with other showing obligations and show officials may change the order of the brackets to help individuals participate.
- Contestants may choose the torch/table they use. If both individuals choose the same station, a coin flip will determine individual placement.
- Participation will be limited