

Judging Woodworking

Make sure you are familiar with:

The general exhibit requirements that can be found at www.colorado4h.org

The Woodworking score sheets you will be using when judging at Colorado County Fairs also found at www.colorado4h.org

Units 1, 2, and 3 in Woodworking have very specific restrictions on the tools used in building an article to display. This is done for reasons of safety and to provide a fair comparison among projects in a unit. An exhibit which shows evidence of not following these restrictions will not be ranked in the top ten placing.

Note: In making all placing, judges will consider straightness, accuracy and smoothness of saw cuts, the difficulty and preciseness of joints, the skill employed in the use of nails, screws, gluing and other hardware, freedom from tool or sandpaper marks, appropriate finish evenly applied, article attractiveness, proportions and use of proper wood for the intended use, ability to follow instructions, quality of workmanship and completeness of e-Record and Woodworking supplement. Always use proper safety gear.

Exhibit should consist of:

Unit 1 –Measuring Up

Note: Only tools used are hand tools. Articles made with tools other than hand tools will not be ranked in the top ten placing.

Unit 2 --- Making the Cut

Note; Only tools used are: hand tools, power hand drill, miter box (non powered), oscillating (pad) sander and jig saw. Articles made with power tools other than those listed, will not be ranked in the top ten placing.

Unit 3 –Nailing it Together

Note: Only tools used are: hand tools, power hand drill, miter box, jig saw, scroll saw, power sanders, table saw, drill press, band saw, rabbet plane, jointer and router. Articles made with power tools other than those listed will not be ranked in the top ten placing.

Unit 4 –Finishing Up

Note: Tools used are all tools mentioned in Units 1-3, including circular saw, radial arm saw, planer, wood lathe, chop saw, and other power tools needed to complete Unit 4 projects.

All units will have:

1. Completed Woodworking supplement. Be sure that a plan for the article made is attached.
2. Completed e-record
3. Any one article constructed by the exhibitor using the skills learned in their respective unit.

Project evaluation:

Criteria	Checklist
Straightness	Is project square Use of a back-bottom Braces
Accuracy and Smoothness of Saw Cuts	Use of planes Use of sandpaper Is cut square
Accuracy and Smoothness of Saw Cuts	Strength Appearance Function Type of joints
Proper Nailing or Screws	Correct nail for job Finish nail – box nails Correct screw for job Woodscrews—flat and roundhead Sheetmetal screws Cupwasher Alignment of screw slots Plugs
Gluing and Hardware	Correct glue for job ---wood glue, waterproof glue, etc. Use of glue Correct hardware of job Correct installation
Surfaces Free of Tool or Sandpaper Marks	What are tool marks Correct sandpaper for job Correct use of sandpaper
Appropriate Finish and Application	Correct finish for job Application of finish
Article Attractive	Overall appearance Quality of door construction Quality of drawer construction Use of glass and mirrors
Proper Wood for Purpose	Use of project inside or outside Open grain Closed grain Hard wood Soft wood Grain patterns Particle board

Extra things to look for:

1. Pictures of activities they have participated in
2. Sharing information they learned through talks, demonstrations, and displays.
3. Neatness and legibility in the manual and showboard
4. Quality of completion in the manual