



Woodworking Projects

General exhibit requirements and judging score sheets for Colorado County Fairs can be found at <https://co4h.colostate.edu/program-areas/state-fair-information/>

Unit Structure:
Measuring Up - Unit 1
Making the Cut - Unit 2
Nailing It Together - Unit 3
Finishing Up - Unit 4

All units will have:

1. Completed Woodworking e-Record.
2. Woodworking supplement - Be sure that a plan for the article made is attached. The plan is not to be judged, but should be supplied for the judge's information.
3. Any one article constructed by the exhibitor using skills learned in their respective unit.

Extra things to look for:

1. Pictures of activities they have participated in
2. Sharing what they learned through talks, demonstrations
 3. Neatness and legibility in the manual
 4. Quality of the manual and story can be a tie breaker

Things to Look For

Appropriate tools

- Unit 1 - hand tools only; hand miter box allowed
- Unit 2 - hand tools, power hand drill, miter box (non-powered), oscillating sander, jigsaw
- Unit 3 - hand tools, power hand drill, miter box, jigsaw, scroll saw, power sanders, table saw, drill press, band saw, rabbet plane, jointer and router
- Unit 4 - all tools in Units 1-3 plus circular saw, radial arm saw, planer, wood lathe, chop saw, and other power tools

Accuracy and smoothness of saw cuts

- Cuts are square or correctly angled
- Pieces fit together well to be square or str

Difficulty and preciseness of jo

- Strength and function for the type of joints
- Use of braces

Proper nailing or screws

- Correct nail used for job: finish nails, box n
- Correct screw for job: wood screws, sheet
- Alignment of screw slots or plugs

Gluing and hardware

- Correct glue for job – wood glue, waterpro
- Use of glue
- Correct hardware for job
- Correct installation

Surfaces free of tool or sandpa

- Correct use of planes, hammers, etc.
- Correct use of sandpaper

Appropriate finish evenly appli

- Application of finish
- Correct finish for job

Article is attractive

- Overall appearance and creativity
- Quality of door or drawer construction
- Use of glass and mirrors

Proper wood used for project

- Use of project inside or outside
- Open or closed grain
- Hard or soft wood, particle board
- Grain patterns



Note: Units 1 and 2 have a size restriction of 3' x 3' x 7' as the project is meant to be displayed. The item must be stable when standing.