

WOODWORKING DAY  
Youth Center – Monday, July 30, 2018  
Jason & Tiffany McComas, Assistant Superintendents

**GENERAL GUIDELINES**

1. Participation Guidelines:

- Counties may have 16 participants and no more than two per class. No individual may participate in more than one class.
- Clock trophy winner of any one class in 2017 is not eligible to participate in the same class for 2018.
- Projects will be on display to the public following judging until after the awards presentation at 4:30 p.m. unless space is unavailable. The project must remain on display to be considered for awards. For classes J-5 through J-8, the “Skill Project” will also be on display.
- Exhibitors that use tools that are listed for higher project classes than what they took will be evaluated only and not considered for awards. This is a safety issue.
- All exhibits must be removed from the Youth Center by 6:00 p.m.
- Exhibitors may not use projects that were made for school.

2. Type of Evaluation:

- Each participant will complete a skill project at the fair. (See descriptions attached)
- Participant will have a personal interview and evaluation on their “home” project and the skill project made at the fair with a judge.
- Judge will evaluate participant on the following basis (also see sample score sheet):

**Classes J-1 to J-4**

- 25% Skill project made at fair
- 50% Project Knowledge & Display (Quality)
- 25% Interview (Presentation of the project)

**Classes J-5 to J-8**

- 20% Knowledge (basic concepts learned in project)
- 30% Skill Project made at fair
- 30% Use of Advanced skills and workmanship
- 20% Interview (Presentation of the project)

3. Participant to bring:

- **Completed project book** (based on number of years using same project book).
- Exhibitors shall **display one item** (“home project”) made from their project book or an item requiring the same skills as contained in the project book (members may use any or all tools listed in their class and for lower classes, plus advanced joining techniques appropriate to project). Remember it is the demonstration of skills and not the size of the project that is judged.
- FOR HEALTH AND SAFETY REASONS, we **require** you to wear eye protection (either **safety glasses or goggles**) when making your skill project at the fair. Please bring your own since there is a possibility of transmitting eye diseases by sharing. However, there will be goggles available for those who don’t have their own. Contestants should be **suitably dressed** for working with wood. No open toe shoes will be permitted in the working area.
- Refer to additional project requirements as listed in class listed on the following pages.

### Woodworking Participation Schedule:

Report to the registration desk 15 minutes before your county is scheduled.

- 9:00 a.m. Clark, Delaware, Fairfield, Fayette, Franklin, Licking, Logan, Madison, Marion, Morrow, Muskingum, Pickaway, Union
- 10:00 a.m. Allen, Ashland, Champaign, Coshocton, Crawford, Greene, Hardin, Hocking, Holmes, Knox, Miami, Montgomery, Perry, Richland, Ross, Shelby, Vinton, Wyandot
- 11:00 a.m. Athens, Clinton, Guernsey, Hancock, Highland, Huron, Jackson, Medina, Morgan, Pike, Seneca, Stark, Summit, Tuscarawas, Warren, Wayne, Wood
- 1:00 p.m. Auglaize, Belmont, Butler, Carroll, Clermont, Darke, Erie, Hamilton, Harrison, Lorain, Monroe, Noble, Paulding, Portage, Preble, Putnam, Sandusky, Van Wert, Washington
- 2:00 p.m. Adams, Ashtabula, Brown, Columbiana, Cuyahoga, Defiance, Fulton, Henry, Gallia, Geauga, Jefferson, Lake, Lawrence, Lucas, Mahoning, Meigs, Mercer, Ottawa, Scioto, Trumbull, Williams

#### CLASSES:

**For Classes J-1 – J-2**, the member is expected to do 90% or more of the project. The helper may dimension the lumber to the correct width.

**J-1 Measuring Up – Junior** (age 13 years and under) – **Unit 1**

Participants should exhibit a project, which shows they have learned how to use hand tools including: All non-power hand tools (hammers, saws, clamps, layout tools, chisels, etc.). Plus the following power tools **if they have safety instructions & closely supervised by a knowledgeable adult**: Sanders, corded and cordless drills, saber saw and scroll saw.

**J-2 Measuring Up – Senior** (age 14 & older) – **Unit 1**

Same description as above.

**For Classes J-3-J-8**, the member is expected to do 100% of the work.

**J-3 Making the Cut – Junior** (age 13 years and under) – **Unit 2**

Participants should exhibit a project which shows they have learned how to use tools including:

J-1 & J-2 tools, plus the following power tools **if they have safety instructions & closely supervised by a adult**: miter saw, table saw, drill press, bandsaw, thickness planner, cordless trim saw and power nailing devices.

**J-4 Making the Cut – Senior** (age 14 & older) – **Unit 2**

Same description as above.

**J-5 Nailing It Together – Junior** (age 13 years and under) – **Unit 3**

Participants should exhibit a project which shows they have learned how to properly use tools in its creation. A member may use a wide variety of non-power and power tools including radial arm saw, lathe, router, power circular saw, and shaper **if they have safety instructions & are closely supervised by a knowledgeable adult**. Use of advanced joining techniques (mortise & tenon, pocket holes, dovetails, etc.) encouraged if matched to member skills. Projects should demonstrate the member has increased their knowledge and skills over previous projects.

**J-6 Nailing It Together – Senior** (age 14 & older) – **Unit 3**

Same description as above.

**J-7 Finishing Up – Unit 4**

Participants should exhibit a project which shows they have learned how to properly use tools in its creation. A member may use all non-power and power tools **if they have safety instructions & supervised by a knowledgeable adult**. Project should demonstrate the member has increased their knowledge and skills over previous projects.

**J-8 Advanced Self-Determined Woodworking Project – 560M Woodworking Master**

Project should show creativity, proper joinery technique, good layout & design. Projects might include: intarsia, carvings, marquetry, lathe work, original designs and antique furniture reproductions.

## AWARDS

1. All participants shall receive a participation award sponsored by The Ohio State Fair.
2. "Outstanding of the Day" awards will be presented to the top 20% of class participants, sponsored by The Ohio State Fair.
3. The winner of each class will receive a clock trophy. The 2017 event was sponsored by **Judge Frederick D. Pepple, Jackie Stuts, Larry Hall, Doug and Cindy Tenney and Bob and Linda Joseph**

## 2017 CLASS WINNERS (Are not eligible to participate in the same class in 2018)

J-1	Measuring Up – Junior	Alayna Davenport, Warren
J-2	Measuring Up – Senior	Austin Haacke, Montgomery
J-3	Making the Cut – Junior	Thomas Daniel, Seneca
J-4	Making the Cut – Senior	Angela Garbers, Fulton
J-5	Nailing It Together – Junior	Mason Huffman, Knox
J-6	Nailing It Together – Senior	Olivia Jones, Auglaize
J-7	Finishing Up	Kinsey Dietrich, Defiance
J-8	Self-Determined	Doug Balbaugh, Auglaize



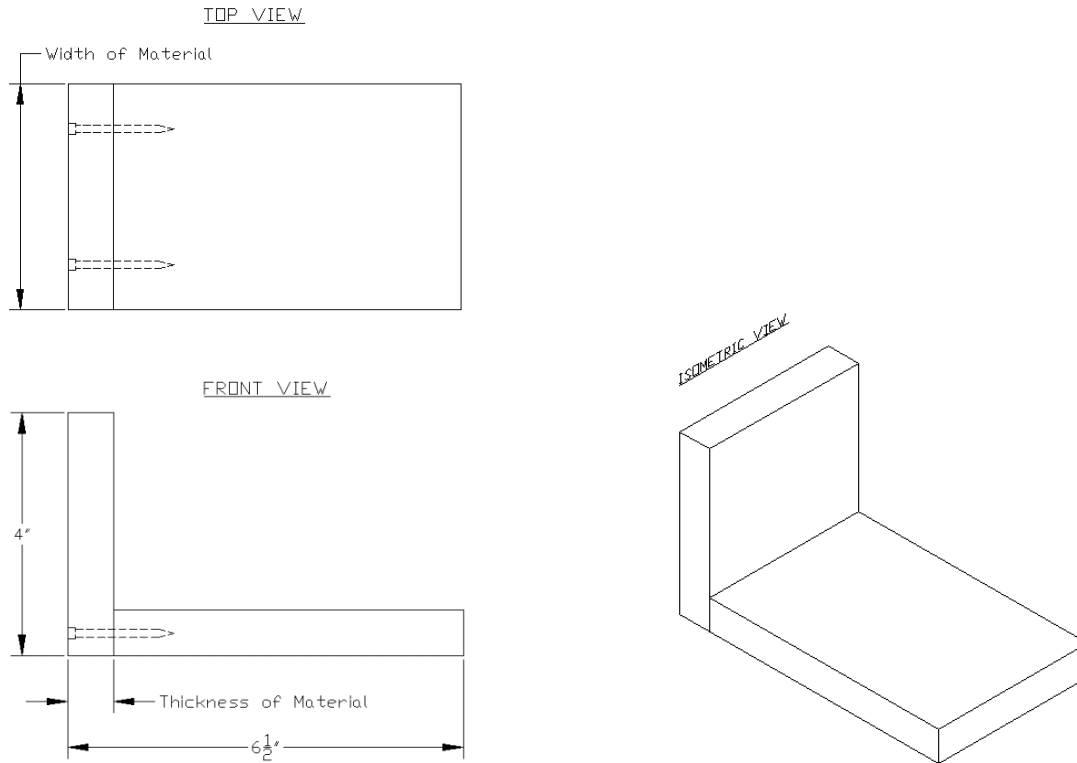
## Skill Project Descriptions

We highly recommend that you practice making your skill project before you come to the fair. The descriptions are:

### Project for participants in J-1 and J-2

Given: 1 x 4 stock, 1 workmate bench, 1 hammer, 1 nail set, nails, 1 rule, 1 combination square, 1 crosscut hand saw, glue, 1 small drill bit and 1 cordless power drill will be available.

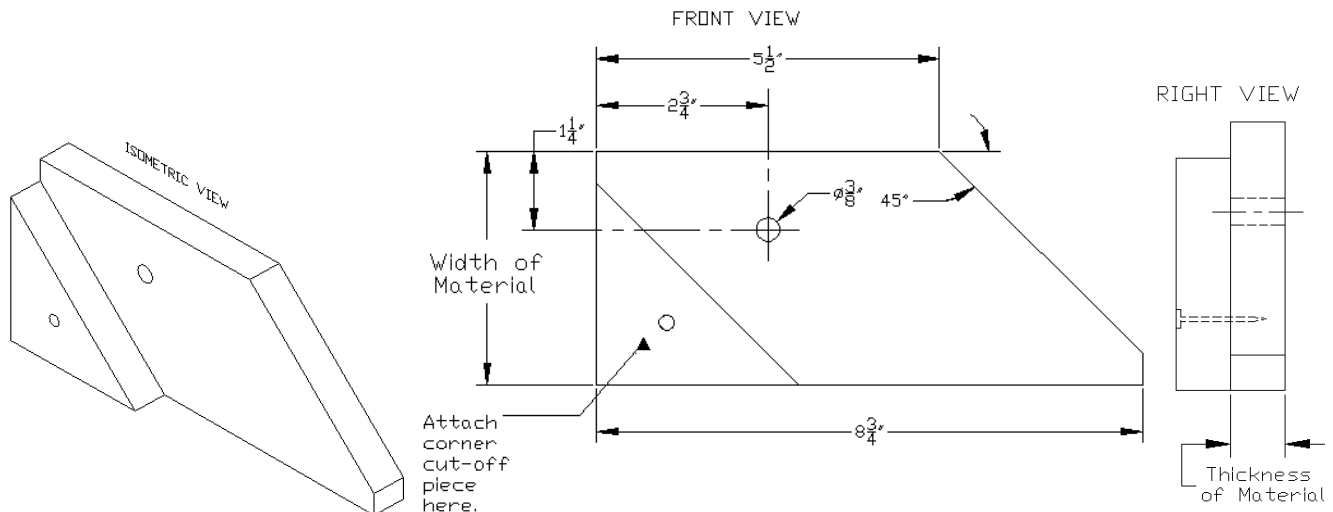
Cut and assemble two pieces as shown in ten minutes.



### Project for participants in J-3 and J-4

Given: 1 x 4 stock, 1 workmate bench, 1 hammer, 1 combination square, 1 crosscut hand saw, 1 steel tape measure, 1 miter box, 1 back saw, wood glue, nails, 3/8 spade bit, 1 cordless power drill will be available.

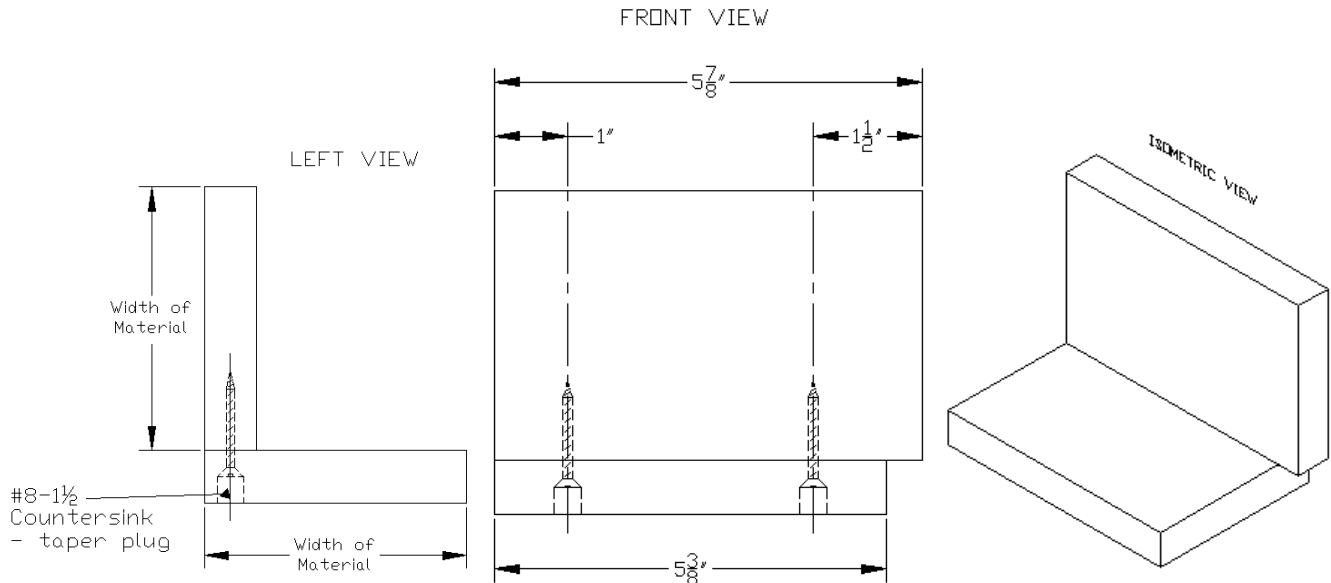
Cut piece as shown and attach corner cut-off with glue and a nail, in ten minutes.



**Project for participants in J-5 and J-6**

Given: 1 x 4 stock, 1 workmate bench, 1 steel tape measure, 1 combination square, 1 mallet, 1 crosscut hand saw, 1 screwdriver, 1 1/4" screws, a counterbore bit, 3/8" spade bit, wood glue, taper plugs, 1 cordless power drill will be available.

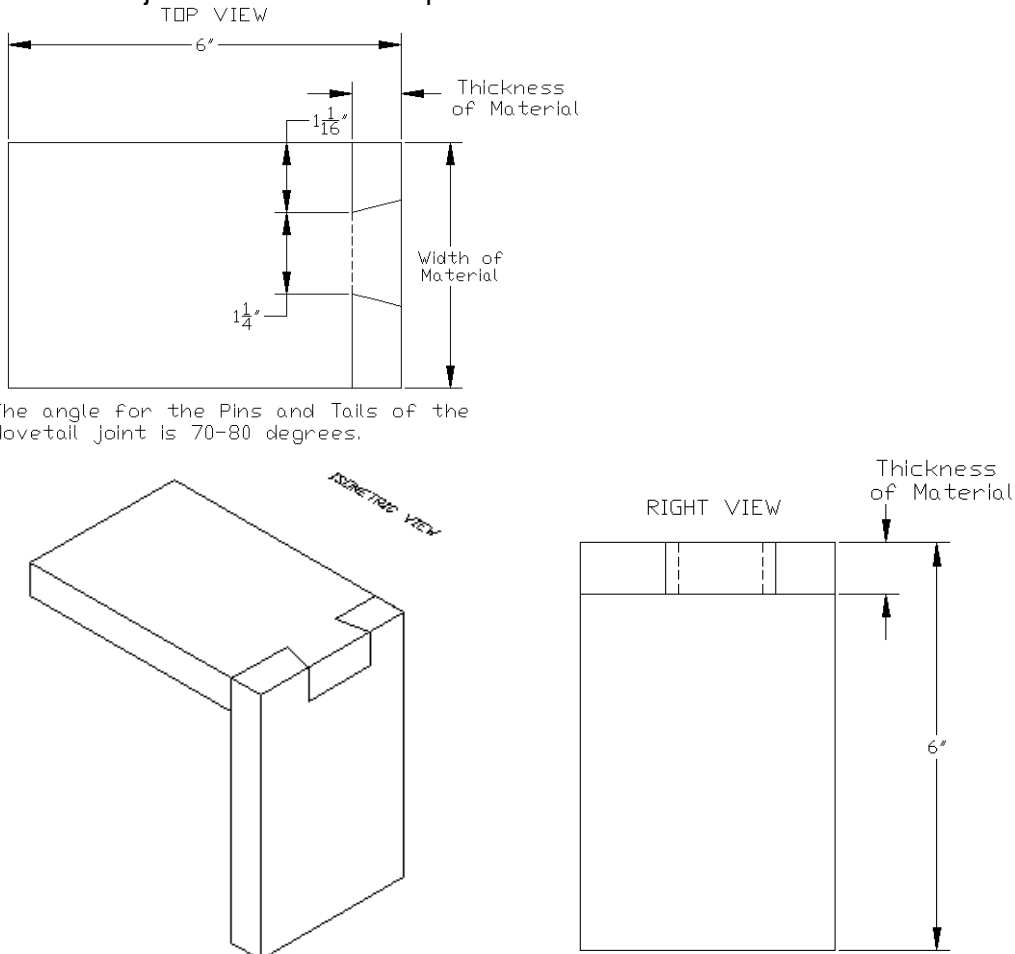
Cut and assemble two pieces as shown in ten minutes.



**Project for participants in J-7 and J-8**

Given: 1 x 4 stock pre-cut to size, 1 workmate bench, 1 steel tape measure, 1 combination square, 1 sliding T-bevel square, 1 dovetail saw, 1 mallet, and 1 coping saw.

Make a dovetail joint to assemble two pieces as shown in fifteen minutes.



The angle for the Pins and Tails of the dovetail joint is 70-80 degrees.

**JUDGE'S SCORE SHEET (sample)**  
**CLASSES J-1 – J-4**

Name: \_\_\_\_\_ Exhibitor Number: \_\_\_\_\_

County: \_\_\_\_\_ Class: \_\_\_\_\_

**SKILL PROJECT MADE AT THE FAIR: 20%**

Factors to be considered:

Skillful use of tools and properly following safety procedures.

Accuracy and quality of finished product.

Points assigned by safety judge \_\_\_\_\_  
(Range of 1-15 points)

Points assigned by interview judge \_\_\_\_\_  
(Range of 1-5 points)

**COMPETITON PROJECT: 50%**

**Skills**

Accuracy - measurements, cutting, & assembly | \_\_\_\_\_ | \_\_\_\_\_ | \_\_\_\_\_ |

Proper use of joinery & fasteners | \_\_\_\_\_ | \_\_\_\_\_ | \_\_\_\_\_ |

Preparation of surfaces & quality of finish | \_\_\_\_\_ | \_\_\_\_\_ | \_\_\_\_\_ |

**General Characteristics**

Attractive & well-proportioned | \_\_\_\_\_ | \_\_\_\_\_ | \_\_\_\_\_ |

How well it will serve its intended purpose | \_\_\_\_\_ | \_\_\_\_\_ | \_\_\_\_\_ |

Proper selection of wood, based on intended use | \_\_\_\_\_ | \_\_\_\_\_ | \_\_\_\_\_ |

**COMMUNICATION SKILLS: 30%**

Able to explain project design, materials chosen & intended use | \_\_\_\_\_ | \_\_\_\_\_ | \_\_\_\_\_ |

Project book—Accurate & complete according to project guidelines. | \_\_\_\_\_ | \_\_\_\_\_ | \_\_\_\_\_ |

Able to explain construction techniques | \_\_\_\_\_ | \_\_\_\_\_ | \_\_\_\_\_ |

Appearance | \_\_\_\_\_ | \_\_\_\_\_ | \_\_\_\_\_ |

**JUDGES COMMENTS**

**Strengths:**

**Area(s) for Improvements:**

**4-H Woodworking Day  
Evaluation Sheet (Class J-5 through J-8)**

Name: \_\_\_\_\_ Exhibitor Number: \_\_\_\_\_

County: \_\_\_\_\_ Class: \_\_\_\_\_

Keep this sheet with you until the judge calls your exhibitor number

**SKILL PROJECT: 20%**

Scored by skill judge (1 – 10 points) Points Awarded \_\_\_\_\_ Average Good V. Good Excellent  
Skillful use of tools |\_\_\_\_\_||\_\_\_\_\_||\_\_\_\_\_||

Use of proper safety procedures |\_\_\_\_\_||\_\_\_\_\_||\_\_\_\_\_||

Scored by interview judge (1 – 10 points) Points Awarded \_\_\_\_\_ Average Good V. Good Excellent

Accuracy of dimensions |\_\_\_\_\_||\_\_\_\_\_||\_\_\_\_\_||

Quality of finished project |\_\_\_\_\_||\_\_\_\_\_||\_\_\_\_\_||

**COMPETITION PROJECT: 30%**

Average Good V. Good Excellent  
|\_\_\_\_\_||\_\_\_\_\_||\_\_\_\_\_||

Factors to be considered:

- Proportionality & squareness
- Quality of basic woodworking skills and techniques
- Use of appropriate joinery

- Application of appropriate finish
- Quality of finish

Composite eye appeal of finished project

**ADVANCED SKILLS & TECHNIQUES: 30%**  
Excellent

Average Good V. Good  
|\_\_\_\_\_||\_\_\_\_\_||\_\_\_\_\_||

Factors to be considered:

**A. Use of more complex techniques & skills**

- \_ Dovetail joints
  - \_ Stile & rail construction
  - \_ Dado cuts
  - \_ Rabbet joints
  - \_ Raised panels
  - \_ Inlay
  - \_ Miter joints
  - \_ Router edges
  - \_ Moulding & Trim
  - \_ Pocket screw joinery
  - \_ Biscuit joinery
  - \_ Lathe & scroll work
- Additional techniques & skills demonstrated \_\_\_\_\_

**B. Quality of workmanship attained using advanced techniques & skills**

- Techniques used in an appropriate manner
- Improvement of overall quality by using above skills & techniques

Average Good V. Good Excellent  
|\_\_\_\_\_||\_\_\_\_\_||\_\_\_\_\_||

**COMMUNICATION SKILLS: 20%**

Average Good V. Good Excellent  
|\_\_\_\_\_||\_\_\_\_\_||\_\_\_\_\_||

Factors to be considered:

- Ability to explain overall project design & construction techniques
- Able to clearly relate construction procedures
- Able to describe tool usage during construction
- Clearly and accurately answer questions posed by judge
- Project book reflects a working knowledge of the project
- Appearance & attitude reflect respect for 4-H & the project

**JUDGES COMMENTS:**

Strengths:

Area(s) for improvement: