

**WOODWORKING** - Members 14 years of age and older may apply for a Mechanical and Engineering Science Achievement Record Award.

<b>Project # and Name</b>	<b>Skill Level, Age Time Commitment</b>	<b>Project Requirements for Completion, Project Judging and Fair</b>	<b>4-H Competitive and Educational Opportunities</b>
<p><b>556 Measuring Up</b></p> <p><b>Project Progression:</b> May be taken for a maximum of 3 years, but all projects must be made with hand tools only regardless of year in project.</p> <p>May not use projects made in a school shop class.</p> <p>More details visit <a href="http://www.4hengineering.osu.edu">www.4hengineering.osu.edu</a></p>	<p>Age 8 to 18</p> <p>Minimum of 1 month Project Work Time.</p> <p><b>Advisor Supplement:</b> 60HG Woodworking Helper's Guide may be used by advisors working with groups of youth.</p> <p><b>Please observe specific details related to allowable tools to be used to make your woodworking project.</b></p>	<p>◆ Complete all tasks as outlined in the project guideline's section.</p> <p><b>Miscellaneous Project Judging Requirements:</b></p> <p>◆ <b>Project Book:</b> Complete all units related to project.</p> <p>◆ <b>Woodworking Exhibit:</b> <b><u>A project made using ONLY hand held tools! (hammers, saws, clamps, layout tools, chisels, etc.)</u></b> Plus these tools if you have safety instructions and are closely supervised by a knowledgeable adult: power hand sanders, oscillating belt sander, power drills, jigsaw, scroll saw. Decorative finishes are acceptable but will not be evaluated in judging examples include wood burning, artificial flowers, etc.)</p> <p>◆ <b>Project Interview:</b> Answer questions about your project experience including general 4-H knowledge, project book knowledge and activities and woodworking exhibit.</p> <p>◆ <b>State Fair Selection:</b> A maximum of sixteen (16) participants from all five woodworking projects with no more than two per State Fair Class. Measuring Up Junior (age 8-13) and Senior (age 14-18). No individual may participate in more than one woodworking class.</p> <p><b>County Fair Exhibit Requirements:</b></p> <p>◆ <b>Fair Exhibit:</b> Bring your woodworking item(s) to display in your 4-H club's booth in the Youth Building.</p>	<p><b>County Events</b></p> <p><b>4-H Miscellaneous Judging</b> Tues., July 9, 3 PM-7 PM, Fgrds., Annex</p> <p><b>Clark County Fair Club Booth/Exhibit Set-Up</b> Fri., July 19, 9 AM - 9 PM, Youth Bldg.</p> <p><b>4-H Art Contest and Auction</b> Sat., July 20, 1 PM, Youth Bldg. and Thurs., July 25, 5:30 PM, Arts and Crafts Bldg.</p> <p><b>4-H Winner's Revue:</b> Tues., July 23, 7 PM, Entertainment Tent</p> <p><b>Ohio State Fair</b></p> <p><b>4-H Woodworking Proj. Day:</b> Sat., Aug. 3, Lausche Youth Exploration Space</p>
<p><b>557 Making the Cut</b></p> <p><b>Project Progression:</b> May be taken for a maximum of 3 years.</p> <p>May not use projects made in a school shop class.</p> <p><b>Advisor Supplement:</b> 560HG Woodworking Helper's Guide may be used by advisors working with groups of youth.</p> <p>More details visit <a href="http://www.4hengineering.osu.edu">www.4hengineering.osu.edu</a></p>	<p>Age 12 to 18</p> <p>Minimum of 1 month Project Work Time.</p> <p><b>Please observe specific details related to allowable tools to be used to make your woodworking project.</b></p>	<p>◆ Complete all tasks as outlined in the project guideline's section.</p> <p><b>Miscellaneous Project Judging Requirements:</b></p> <p>◆ <b>Project Book:</b> Complete all units related to project.</p> <p>◆ <b>Woodworking Exhibit:</b> A project made using any hand tools and any of the following power tools if you have safety instructions and are closely supervised by a knowledgeable adult power miter saw, thickness planer, table saw, cordless trim saw, drill press, power nailing devices, power sander, band saw, biscuit joiner, pocket screw joints. Decorative finishes are acceptable but will not be evaluated examples include wood burning, artificial flowers.</p> <p>◆ <b>Project Interview:</b> Answer questions about your project experience including general 4-H knowledge, project book knowledge and activities and woodworking exhibit.</p> <p>◆ <b>State Fair Selection:</b> A maximum of sixteen (16) participants from all five woodworking projects with no more than two per State Fair Class. Making the Cut Junior (age 8-13) and Senior (age 14-18). No individual may participate in more than one woodworking class.</p> <p><b>County Fair Exhibit Requirements:</b></p> <p>◆ <b>Fair Exhibit:</b> Bring your woodworking item(s) to display in your 4-H club's booth in the Youth Building.</p>	<p><b>County Events</b></p> <p><b>4-H Miscellaneous Judging</b> Tues., July 9, 3 PM-7 PM, Fgrds., Annex</p> <p><b>Clark County Fair Club Booth/Exhibit Set-Up</b> Fri., July 19, 9 AM - 9 PM, Youth Bldg.</p> <p><b>4-H Art Contest and Auction</b> Sat., July 20, 1 PM, Youth Bldg. and Thurs., July 25, 5:30 PM, Arts and Crafts Bldg.</p> <p><b>4-H Winner's Revue:</b> Tues., July 23, 7 PM, Entertainment Tent</p> <p><b>Ohio State Fair</b></p> <p><b>4-H Woodworking Proj. Day:</b> Sat., Aug. 3, Lausche Youth Exploration Space</p>

## WOODWORKING CONTINUED

<b>Project # and Name</b>	<b>Skill Level, Age Time Commitment</b>	<b>Project Requirements for Completion, Project Judging and Fair</b>	<b>4-H Competitive and Educational Opportunities</b>
<p><b>558 Nailing It Together</b></p> <p><b>Project Progression:</b> May be taken for a maximum of 3 years.</p> <p>Do not use projects made in a school shop class.</p> <p><b>Advisor Supplement:</b> 560HG Woodworking Helper's Guide may be used by advisors working with groups of youth.</p> <p>More details visit <a href="http://www.4hengineering.osu.edu">www.4hengineering.osu.edu</a></p>	<p>Age 12 to 18</p> <p>Minimum of 1 month Project Work Time.</p> <p><b>Please observe specific details related to allowable tools to be used to make your woodworking project.</b></p>	<p>◆ Complete all tasks as outlined in the project guideline's section.</p> <p><b>Miscellaneous Project Judging Requirements:</b></p> <ul style="list-style-type: none"> <li>◆ <b>Project Book:</b> Complete all units related to project.</li> <li>◆ <b>Woodworking Exhibit:</b> A project made using a wide variety of non-power and power tools including shaper, radial arm saw, lathe, router/router table, dovetail jig, joiner if you have safety instructions and are closely supervised by a knowledgeable adult.</li> <li>◆ <b>Project Interview:</b> Answer questions about your project experience including general 4-H and project book knowledge.</li> <li>◆ <b>State Fair Selection:</b> A maximum of sixteen (16) participants from all five woodworking projects with no more than two per State Fair Class. Nailing It Together Junior (age 8-13) and Senior (age 14-18). No individual may participate in more than one woodworking class.</li> </ul> <p><b>County Fair Exhibit Requirements:</b></p> <ul style="list-style-type: none"> <li>◆ <b>Fair Exhibit:</b> Woodworking item(s) to display in your 4-H club's booth in the Youth Building.</li> </ul>	<p><b>4-H Competitive and Educational Opportunities</b></p> <p><b>County Events</b> <b>4-H Miscellaneous Judging</b> Tues., July 9, 3 PM-7 PM, Fgrds., Annex</p> <p><b>Clark County Fair</b> <b>Club Booth/Exhibit Set-Up</b> Fri., July 19, 9 AM - 9 PM, Youth Bldg.</p> <p><b>4-H Art Contest and Auction</b> Sat., July 20, 1 PM, Youth Bldg. and Thurs., July 25, 5:30 PM, Arts and Crafts Bldg.</p> <p><b>4-H Winner's Revue:</b> Tues., July 23, 7 PM, Entertainment Tent</p> <p><b>Ohio State Fair</b> <b>4-H Woodworking Proj. Day:</b> Sat., Aug. 3, Lausche Youth Exploration Space</p>
<p><b>559 Finishing Up</b></p> <p><b>Project Progression:</b> May be taken for a maximum of 3 years.</p> <p>Do not use projects made in a school shop class.</p> <p><b>Advisor Supplement:</b> 560HG Woodworking Helper's Guide may be used by advisors working with groups of youth.</p> <p>More details visit <a href="http://www.4hengineering.osu.edu">www.4hengineering.osu.edu</a></p>	<p>Age 14 to 18</p> <p>Minimum of 1 month Project Work Time.</p> <p><b>Please observe specific details related to types of woodworking techniques and tools that should be used in making your woodworking project.</b></p>	<p>◆ Complete all tasks as outlined in the project guideline's section.</p> <p><b>Miscellaneous Project Judging Requirements:</b></p> <ul style="list-style-type: none"> <li>◆ <b>Project Book:</b> Complete all units related to project.</li> <li>◆ <b>Woodworking Exhibit:</b> A project made using any non-power and powered tools if you have safety instructions and are supervised by a knowledgeable adult.</li> <li>◆ <b>Project Interview:</b> Answer questions about your project experience including general 4-H and project book knowledge.</li> <li>◆ <b>State Fair Selection:</b> A maximum of sixteen (16) participants from all five woodworking projects with no more than two per State Fair Class. Finishing It Up all ages together. No individual may participate in more than one woodworking class.</li> </ul> <p><b>County Fair Exhibit Requirements:</b></p> <ul style="list-style-type: none"> <li>◆ <b>Fair Exhibit:</b> Woodworking item(s) to display in your 4-H club's booth in the Youth Building.</li> </ul>	<p><b>4-H Competitive and Educational Opportunities</b></p> <p><b>County Events</b> <b>4-H Miscellaneous Judging</b> Tues., July 9, 3 PM-7 PM, Fgrds., Annex</p> <p><b>Clark County Fair</b> <b>Club Booth/Exhibit Set-Up</b> Fri., July 19, 9 AM - 9 PM, Youth Bldg.</p> <p><b>4-H Art Contest and Auction</b> Sat., July 20, 1 PM, Youth Bldg. and Thurs., July 25, 5:30 PM, Arts and Crafts Bldg.</p> <p><b>4-H Winner's Revue:</b> Tues., July 23, 7 PM, Entertainment Tent</p> <p><b>Ohio State Fair</b> <b>4-H Woodworking Proj. Day:</b> Sat., Aug. 3, Lausche Youth Exploration Space</p>

## WOODWORKING CONTINUED

Project # and Name	Skill Level, Age Time Commitment	Project Requirements for Completion, Project Judging and Fair	4-H Competitive and Educational Opportunities
<p><b>560M Woodworking Master</b></p> <p>More details visit <a href="http://www.4hengineering.osu.edu">www.4hengineering.osu.edu</a></p>	<p>Age 14 to 18</p> <p>Minimum of 1 month project work time.</p> <p><b>Please observe specific details related to types of woodworking techniques and tools that should be used in making your woodworking project.</b></p>	<ul style="list-style-type: none"> <li>◆ Complete all tasks as outlined in the project guideline's section.</li> </ul> <p><b>Miscellaneous Project Judging Requirements:</b></p> <ul style="list-style-type: none"> <li>◆ <b>Project Book:</b> Bring to judging completed self-det. project book and any additional documentation to demonstrate work.</li> <li>◆ <b>Woodworking Exhibit:</b> Project should show creativity, proper joinery technique, good layout and design. Projects might include intarsia, carvings, marquetry, lathe work, original designs and antique furniture reproduction.</li> <li>◆ <b>Project Interview:</b> Answer questions about your project experience including general 4-H knowledge and project book work.</li> <li>◆ <b>State Fair Selection:</b> A maximum of sixteen (16) participants from all five woodworking projects with no more than two per State Fair Class. Self-Determined Woodworking all ages together. No individual may participate in more than one woodworking class.</li> </ul> <p><b>County Fair Exhibit Requirements:</b></p> <ul style="list-style-type: none"> <li>◆ <b>Fair Exhibit:</b> Woodworking item(s) in your club's booth.</li> </ul>	<p><b>County Events</b></p> <p><b>4-H Miscellaneous Judging</b> Tues., July 9, 3 PM-7 PM, Fgrds., Annex</p> <p><b>Clark County Fair Club Booth/Exhibit Set-Up</b> Fri., July 19, 9 AM - 9 PM, Youth Bldg.</p> <p><b>4-H Art Contest and Auction</b> Sat., July 20, 1 PM, Youth Bldg. and Thurs., July 25, 5:30 PM, Arts and Crafts Bldg.</p> <p><b>4-H Winner's Revue:</b> Tues., July 23, 7 PM, Entertainment Tent</p> <p><b>Ohio State Fair</b></p> <p><b>4-H Woodworking Proj. Day:</b> Sat., Aug. 3, Lausche Youth Exploration Space</p>

## WORKFORCE PREPARATION

Project # and Name	Skill Level, Age Time Commitment	Project Requirements for Completion, Project Judging and Fair	4-H Competitive and Educational Opportunities
<p><b>382 Am I Ready for Work?</b></p> <p><b>365.06 Self-Det. Workforce Prep Camp Counseling The Work World Is Calling . . . Are You Ready?</b></p> <p><b>386 You're Hired</b></p> <p><b>387 Here, There, Ag Careers Everywhere</b></p> <p>1 to 3 months Project Work Time</p>	<p>Age 11 to 18</p> <p>Age 11 to 18</p> <p>Age 14 to 18</p> <p>Age 13 to 18</p>	<ul style="list-style-type: none"> <li>◆ Complete all 9 activities and talking it over questions and all tasks as outlined in the project guideline's section.</li> </ul> <p><b>Miscellaneous Project Judging Requirements:</b></p> <ul style="list-style-type: none"> <li>◆ <b>Project Book:</b> Bring completed project book and activity record.</li> <li>◆ <b>Educational Display:</b> Create and bring an educational display on your workforce preparation experiences or accomplishments (e.g. as a camp counselor, CARTEENS facilitator, Jr. Fair Board Member, job, etc.). What have you learned, what skills have you gained and how will you use them?</li> <li>◆ <b>Project Interview:</b> Answer questions about your project experience including general 4-H knowledge, project book knowledge and activities, your educational display.</li> <li>◆ <b>State Fair Participation: May select one Jr. and One Sr. for Am I Ready for Work? May select one for each of the following projects You're Hired, Here, There, Ag Careers Everywhere and Self-Det. Workforce Prep.</b> May select up to 5 youth to participate in mock interviews for each age division Jr. under age 13, Int. age 14-16 and Sr. age 17 and older.</li> </ul> <p><b>County Fair Exhibit Requirements:</b></p> <ul style="list-style-type: none"> <li>◆ <b>Fair Exhibit:</b> Bring your educational display to exhibit.</li> </ul>	<p><b>County Events</b></p> <p><b>4-H Miscellaneous Judging</b> Tues., July 9, 3 PM-7 PM, Fgrds., Annex</p> <p><b>Clark County Fair</b></p> <p><b>4-H Club Booth Set-Up and Deliver 4-H Exhibits:</b> Fri., July 19, 9 AM - 9 PM, Youth Bldg.</p> <p><b>4-H Winner's Revue:</b> Tues., July 23, 7 PM, Entertainment Tent</p> <p><b>Ohio State Fair</b></p> <p><b>4-H Workforce Project Judging Day</b> Wed., July 31, Lausche Youth Exploration Space</p>

